

<210> 1677
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (197)...(288)
 <223> similar to gi3882171 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1677

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcagcagat | ttcaagataa | attagaaacc | aagtaaaatc | agtgtatttt | tgctaggtac | 60 |
| ttaaaggact | attttgtatc | ttttaaatta | tctgttcac | ttttaacttg | ctcatattta | 120 |
| taaccttttc | atgatgaatg | atattagaat | acatgactaa | ttatacagaa | taattttctt | 180 |
| tttaatttca | tttataggag | aacctttaca | aatagatcac | ttggtttttg | tagtccatgg | 240 |
| gattggacca | gcttgtgatc | tccgctttcg | aagcattgta | cagtgtggta | ggtttgcaaa | 300 |
| gcatgtgaga | gaatattaat | cagtgtctct | gtgagctgag | ataaac | | 346 |

<210> 1678
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(103)
 <223> similar to gi2217933 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1678

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcagcagcg | gcacgagcct | tctcctactg | cattagcatt | tggggaccac | cctattgtac | 60 |
| aaccaaagca | attatccttt | aaaattattc | aggtaaatga | taattaaaat | gtttttttct | 120 |
| atggcttcta | agaaaccatt | gactaactta | ctaacaacta | agatgtctgt | ttgttttata | 180 |
| tgtagtcata | aagcagaatt | acacatcaag | aaagataact | tactaaacaa | aaacaacaga | 240 |
| atttgtagga | aggagtgaga | aactgaaaca | cacaatttac | tatcagcttt | ttaaacaacc | 300 |
| gttaacatgt | cagttctgtt | tactgattct | ttctgaactt | aatttccag | | 349 |

<210> 1679
 <211> 35
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(36)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (35)...(0)
 <223> similar to gi407423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1679
 tttttttttt ttncctttttt taaaacgggt cttgt

35

<210> 1680
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(197)
 <223> similar to gi3510603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1680
 ggcacgagga ccttccttgc ttccagaatt tcacccaggg tctgacaggc ctcaagaaag 60
 gagaactagt tatgaaccga ttcattccagg cccatcccca gtggatcatg attcactgga 120
 atcgaagcga ccacgtctgg aacaggcttc tgattctcat tatcagggtc acatcactgg 180
 cgaatcccta ccaggacgtg tacactagca gtcctcact gtggaatctg atgggcaatg 240
 ccatgggtgat taccactat atccgtctta ccccatatgt tcaaagtaaa ctcggttccc 300
 tagggaacct gatgccatgt tacc 324

<210> 1681
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(179)
 <223> similar to gi4929607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1681
ggcaccgagtg cggacaaagc tgcaggctca gcattgtgtcg taccggggagc tgggtgcctg      60
tgttcgaact gcagtggctc aggggtggctg gcgctcactg tggctgagct ggcgccccac      120
tgcccttcga tatgcgcctt tctcattctt gaacctgttc tctactcagc tctgtcgct      180
ccccctcttc gtccgcaccc ttctgccttc tctttttctc gcctgccttg cctaccttgc      240
tccttctccc cgctcctctt tctccatctt taccatccgc tctcctttct ctccccctgc      300
agccctctga ctctccccct ttttccccct ccttgtcggc ac                          342

```

<210> 1682

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(214)

<223> similar to gi2224543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1682
ggcaccgagcg atgactcttc tagtatggta gacaatcata ccaagcagct tgcatttgaa      60
tctttggctg tgattggaaa tgctctaacc ctcttggaag tgggtcagat tgcagtgtgt      120
agttttggag aatgtctgga ggtgatatgg ccaatgcgtg cgcactcgac gcatgagcac      180
ggttgatttc gtttggaaac ctggagacgc cggctggagc ggtgcgagcg tgtgtccatg      240
gaataattcc tccgcggggg atcgctgggt ggcagttgat cgcgaggagt aggtgttggc      300
tggtcagtcg tctctccccg gcggtcgggt agaggacgag taaag                          345

```

<210> 1683

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(317)

<223> similar to gi3220232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1683

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcacgagat | cctttgttag | agcaagtgga | attacctgct | gtggcatcag | tcagtgettc | 60 |
| agtaattaaa | tctccatcag | atccctcaca | tgtttctgtt | ccaccacctc | cattgttact | 120 |
| tccagctgcc | accacaagga | gtaacagtac | atctatgcac | agtagcattc | ccagtataga | 180 |
| gaacaaacct | ccacaggcta | ttgttaaacc | acagatccta | acccatgtta | ttgaaggctt | 240 |
| tgtgattcag | gagggattgg | agccatttcc | tgtgagtcgt | tcctctttgc | taatagaaca | 300 |
| gcctgtgaaa | aaacggcctc | ttttggataa | tcaggtgata | aattcagtgt | gtgttcagcc | 360 |
| agagctataa | aactgatttt | aagatattta | caatatatgg | gacgattttc | gctgaattag | 420 |
| atagtggttg | tgatattata | taaagaaaaa | aatggctgag | gacaaatgta | gaaaagaatt | 480 |
| gatcagtgat | cgtgcatttc | actaaagcgt | tctattgctt | tagtgaagca | tactcagtat | 540 |
| cttcagtatc | agtagaaaag | atactcagta | tcttttcagt | ttgggatatg | atggtcactg | 600 |
| atggccatca | gcattcattg | cccagtggtg | gaggccacta | tggatgaaag | ttgactattg | 660 |

<210> 1684

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(377)

<223> similar to gi2384732 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1684

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcacgagcg | acgagggcg | cccctctgag | aagctggagc | tggtgacagg | caccaacgtg | 60 |
| tacatcacaa | gggcgcagct | gatgaactgc | cacgtcagcg | caggcacgcg | gcacaaggtc | 120 |
| ctactgcggc | ggctcctggc | ctccttcttt | gaccggaaca | cgctggccaa | cagctgcggc | 180 |
| accggcatcc | gctcttctac | caacgatccc | cgtcggaagc | ccctggacag | ccgcgtgctc | 240 |
| cacgctgtca | agtactactg | ccagaacttc | gcccccaact | tcaaggagag | cgagatgaat | 300 |
| gccatcgcg | ccgacatgtg | caccaacgcc | cgccgcgtcg | tgcgcaagag | ctggatgccc | 360 |
| aaggtcaagg | tgctcaagg | | | | | 379 |

<210> 1685

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (254)...(347)

<223> similar to gi5738610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 1685
ctttcatttc cctcttcttc acttcgtgtc ccctcagtc tttacgctca tgtttcgctt    60
ctcattccat tttcattctt cccatctctg ttttcgtgtc tctctctttt ctcctcctct    120
tatgctctta gctttctgtg ccctctctta ctatcagtct caactctcac tgtagacta    180
ggtaccaccc tgtaggtatt ctctgagcac ttgggctcca gctcagcctc tgcncgccc    240
ctacccctcc agggcaaacg aggagatcgc ccagggtccg agcaaggccc aggcggccgc    300
gttgccctc caggccagcc tgaggaagga gcagatgcgc atcctcgtgc c              351
```

```
<210> 1686
<211> 351
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (134)...(344)
<223> similar to gi4836401 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1686
ggcacgagtg acatttgatt aaatgtaaaa taagaaatcc cttgaaaatt ggtagaaca    60
gacaataaat atctcattac tgtaagtga ttactgtggg ggtttttttg cttttgttct    120
tttttttaac agacctccaa ctcgggcagc ttctatcctt cctcttcttg gacatgggtg    180
tccacgtttg cccctggca gaaaacctcc tggccctccc cctgggtccac ctccctctca    240
agtcgtgcct atgtatggcc gtaaagtggg ttttgcccta aaacttcccc ctccgaggct    300
atatgaagac atgttatata ggctgaact tgctgagaag cgctgttct t              351
```

```
<210> 1687
<211> 722
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (10)...(648)
<223> similar to gi34812 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1687
ggcacgagcc gtgatcatct aaatgctttc ctggagtttt ctaaagaagg ggatgccccaa    60
tcttccttga aatcatctgt tctgagtact ggaaatcagc tccttcgact aaaaaagggtg    120
gacacagcca cgctgcgctc tgagctgtcg cgcattgata gccagtggac tgacctgcta    180
accaatatcc cagccgtcca ggagaagctc caccagctcc agatggataa actgccttcc    240
cgccatgcca tttctgaagt catgagttgg atttctctaa tggaaaatgt tattcagaag    300
gatgaagata atattaaaaa ttccataggt tacaaggcaa ttcatgaata ccttcagaaa    360
tataagggtt ttaagataga cattaactgt aaacagctga cagtggattt tgtgaaccag    420
tccgtgctac aaatcagcag tcaggatgtg gaaagtaagc gtagtgataa gactgatttt    480
gctgagcaac ttggagcaat gaataaaaagt tggcaaattc tgcaagggtc agtaactgag    540
aagatccagc tgttggaagg cttattggaa tcttggtcag aatatgaaaa taatgtacaa    600
tgtctgaaaa catggtttga aaccagga aagagactaa aacaacagca tcgaattgga    660
gatcaggctt ctgttcaaaa tgcactgaaa gactgtcagg atctggaaga tttgattaaa    720
gc                                                                    722

```

```

<210> 1688
<211> 692
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (33)...(620)
<223> similar to gi2988422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1688
ggcacgagca ggcatttcaa attactcttg aatttagggc ggaggcagag gatggcttac    60
tgctctactg tgggggagaac gaacacggga ggggggattt catgtccctg gctatcatcc    120
gacgtccctt gcagttcagg ttttaattgt gaactggggt tgccatcatc gtaagtgaga    180
ccaaaatcaa actagggggg tggcacacgg ttatgtctta cagagatggg ctgaacgggc    240
tgctgcagct gaacaatggc accccagtga caggccagtc tcaggggcaa tacagtaaaa    300
ttactttccg gacacctctc tatcttgggt gcgctcccag cgcttacttg ttggttagag    360
caacagggac aaaccgaggc tttcaaggct gtgtgcagtc gctcgctgtg aatggggagga    420
gaattgacat gaggccctgg cccctgggaa aagcactcag tggggctgat gtgggggaat    480
gcagcagtgg aatctgtgat gaggcctcgt gcattccatg tggcacctgc acagcaatca    540
aagccgactc ctacatttgc ctctgtcccc ttgggtttta aggtcgacac tgtgaagatg    600
gtgagaaaga agcaagttga aggcggtttc tatctgcatg ttaatttgtg taaatgtact    660
ttatcatcaa tatagtttct ttgttaaaaa aa                                692

```

```

<210> 1689
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (6)...(134)
 <223> similar to gi306746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1689
 ggcacgagcg gggcaggaaa cggagaagca caaacgaaac tgatgcctcc aatatcgagg 60
 atcagtctga gacagaagcc tatgtgagtc ttgcaagttg ggatgctgac tatacaacca 120
 tctttccttt tttacgttgg agcctcactc cggggcttgc accctcaaga tgccttctaa 180
 acgtacagct ctgtatgac atctcctgcc tctgttagac ggctttagtt gatataattac 240
 atatatattga ctctgtgtcg acttgggtctg agcctgataa tgatactcgc gtctctcgag 300
 gttgttactc tagtttgcgt ttgtcttctt ccatgtccat tctataatat caggcgctcg 360
 acccg 365

<210> 1690
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (114)...(313)
 <223> similar to gi927407 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1690
 ggcacgagcg gcacgaggaa atatgtcaac atactacagt tagtgtacag aatcagcatt 60
 tcattgttag gacattttcc tcaactttct aaagccagca tttcaactga cttttccaga 120
 ccatatttga agatgttagt ggttttggtg cctggcatcg aagatggtgt ggtctttctg 180
 gaatctgcnt atcttattgt acttatccag atgctgatac tcgtgcggtg gtcattctaa 240
 cctcggaaca ccggccaacg aaactattga agcctgacgg ctgcaacgta atctactgcc 300
 tatcccagcg ccg 313

<210> 1691
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (111)...(228)
 <223> similar to gil172105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1691
 ggcacgagca tggccccagg gcgggtgggc caggctcatg gtctctctcc aggccagcag 60
 tggcaccaca agggagatca cactgagatg cctgttaatt ctccccaccc cagatttgct 120
 tccagctcct gacgctgtgt ctgcgggagc tgtttgagtt ccgattcatg cagactgacc 180
 ccaactgggc caacttcctg tatgatgcct ccagccacca ggttgggtcc tagtgatgtg 240
 tgtctgggta catttgctgt tgtaacaaat attccttgat atttcggtag ctcaacaaaa 300
 tagcagttga ttacccccac aataggcagg ggtggccct 339

<210> 1692
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(111)
 <223> similar to gil546084 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1692
 ggcacgagaa aagaagaatt cagtgcagaa gaaaattttc tcattttgac ggaaatggca 60
 accaatcatg tacaggttct tgtagaattc acaaaaaagc taccaggtat tttttaaata 120
 atcacagtta atatttattg agagtttaaa tatgtgccca cagattagat tacctatttt 180
 acatacggtg ttttaatttt caaaacattc ctgtgagatc agctctattt tcactattac 240
 tttgccaagt attttcacat gtacttattt cactgctatt ctctacaata gtcttgtagc 300
 attgagaaag gcaggtctgt tcittgtaaa atgaaaatca tttaatatct gatttaaagt 360
 aactgtcgaa ctactat 377

<210> 1693
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(70)
 <223> similar to gi2914017 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 1693
cgccctcttg gggctggaag agacagtaca gtgtcttctg gagtttggtg ccaacgtgaa      60
cgcacagggtg tgtcgtttct cttttccggg gagagagggtg tagccccagc atgaggggaag    120
cctcctccta tggcagagga ccttgcacag tccccagttc caggcgctgc tgcttcatga      180
acacacgacc tccctagcag cgttcatgat ttcaggctga ctgtgcttct ctgtgccttt      240
gtccttacta caacaggagg aagatttggt tcaactcttt ctctttgcct cctattcccc      300
cttagttaca gatttctctt cgtgcc                                326
```

```
<210> 1694
<211> 477
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(480)
<223> similar to gi212752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1694
ggcacgagcc cacattccaa ggctacagac aggaggaggg aaccagcata ggaactggca      60
tggagcagct tgtgaaggag aggaaagggg tacaggctcg ggagaagcag cctgcagagc     120
ccccagcccc tctgcggagg cgggcggcca gtgatggaca gtatgagaac cagtctccag      180
aagccacatc ccctcgtagc cctgggggttc gctcccctgt ccagtgtgtc tccccggagc     240
tggctcttac catcgctctc aatcctggag ggcggcccaa agagcccatc ttgcacagct      300
acaaggaggc cttcgaggag atggagggaa cctccccgag cagcccacca ccagtgggg      360
tgcgagcccc cccgatatg accatgactc ccctagatgc tctgggcctg aaacctcaca      420
atccagcgga catcctgttg caccacacag gagagccccg cagctatttg gagaccg       477
```

```
<210> 1695
<211> 388
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (211)...(389)
<223> similar to gi4240199 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1695
ggcacgaggt tagccagcta taaactcagt ctcatccct gtccgttcca actttactgg      60
gttcttttaa aaaccagacc acgggctggg aaatgccttg atctttactg accgagttgt      120
atattgggcc tagccctagc cctgttaagg ggcactgtgt ggaaatgccc aggctctcca      180
gattgaaact tctcactctt caccatccag ttgtccagct gcagcaaagc acatacagag      240
tgggagttag agcagtcctt acaggaccag gcaactgtga aagcgcagct gacacagttg      300
aaggagtcac ttcaacaact ccaattagaa agagatgagt gtgctgaaca tatagaagga      360
gagagggccc ggtggcatca gaggatga                                     388

```

<210> 1696

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (598) ... (893)

<223> similar to gi5834564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1696
ggcacgaggt cattgccaca ggcaggacct atgggcgcac ataggttgta atgaaactgt      60
agtctcagtt ggaagcctaa acatgaaatg ggtcagtgag caaggctcta ttcctagtct      120
ccagccatgc ctgtggcaac ctgagcccg cctcagcaca ttggaccag gcagatgtaa      180
aaaattcaca gaactatgat ttggactgaa gggttttag atttcctcct tcattctaata      240
ttcagtgtct aaaattcctg catccatgaa cgagctgggc atttgatgag acagggtgta      300
atactttagt tttcctcctg gaaatcatct ggggcatttt ctttgaactg atgggaacaa      360
taaagcataa ctgtttgac aaacttgga taaatgattt tgggataacg atctaccaga      420
atggggatat ttacccttg gttctgagat gtaaaccaaa gaatatcatg accagctttc      480
aggcctcctg aagtatatct ctcaaattgt cctgttctca tgctgaggag cctgagatcc      540
ctgtgtgggg attagacagt ggactgttat ggggttaggt gaattggctt attttgtctg      600
tccctgcctg aatgtattgc aggaattaaa aaggaccaag aagaggaaga agaccaaggc      660
ccaccatgcc ccaggctcag cagggagctg ctggaggtag tagagcctga agtcttgacg      720
gactcactgg atagatgtta ttcaactcct tccagttgtc ttgaacagcc tgactcctgc      780
cagccctaca gaagttcctt ttatgcattg ggggaaaac atgttggtt tctcttgac      840
gtgggagaaa ttgaaaagaa ggggaagggg aagaaaagaa ggggaagaag at                                     892

```

<210> 1697

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(401)

<223> similar to gi3201662 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 1697
ggcacgaggt taatgacaat aaacctgaaa ttaacatcaa cctcatgtcc cctggaaaag    60
aagaaatatt ttatatTTTT gaaggggatc ctattgatac atttggtgct ttggtcagag    120
ttcaggacaa ggattctggg ctgaatggag aaatagtttg taagcttcat ggacatgggc    180
actttaaaact tcagaagaca tatgaaaaca attatttaaat cttactaat gccacactgg    240
atagagaaaa gagatctgag tatagtttga ctgtaatcgc tgaggacagg gggacaccca    300
gtctctctac agtgaaacat ttacagttc aaatcaatga tatcaatgac aatccacccc    360
acttcagag aagccgatat gaatttgtaa tttcagaaaa g                                401
```

<210> 1698

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (287)...(398)

<223> similar to gi520469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 1698
ggTTTTTTTT tTTTTtcttt tgggaaaggc attggccact ttggacttta ttagcaacag    60
taatgtcccc tgacatacgc acaagcttgt agctccacgg ccaggtcttc ccccaacctc    120
acaatggccc cgtgatgcag gcaggcaggc gagggggggt ctcccctcct tatccacagg    180
gccaccgaaa ggcccacgag acggccttgc ccgaggtcac ccagcggagt ggcttgctgg    240
gagccctggg aataacagtc ccacacaagg ctctctccct ccgcagctgg acctgtacgc    300
gggggctctg tttgtgcaca tctgcctggg ctggaacttc tacctctcca ccactctcac    360
gctcggcatc acagccctgt acaccatcgc aggtatggtg cctgcagcag ggaggtccac    420
ccaggggacg tgtaaagggg tcagaaggcc acctccccct acaggcccga gggagcagcc    480
caggaagtgg ccccagcagg agccccagaa gttcctcccc gtgtccctcc tccctggggc    540
cagggccccc tccagcaacc ttgcttccac tggcaggggg cctggctgct gtaatctaca    600
cggacgccct gcagacgctc atcatggtgg tgggggctgt catcctgaca atcaaagggtg    660
aggacagagt ctgtggccat ggcggggctg tccccacagc gagccctttg gagtctggca    720
ctgcccggca ctgtgcagga ttcattgccg tgggggttctg ggtagcatcg ctgggagtgg    780
gtgggttcag gaggttgagc cactaggcag tcagccccc tgctggcccc tcagggactg    840
ccctggctgg tagaggctac ccaccctgct gccccgctgt taccagctct ggccctggca    900
aggagctgac tcaggaactc agggccagcc acaccgcat tggctcagcg cttgatggtg    960
aggtggggct gtaggggggt gtgaaggcac acaaccagga ggccataaaa ctgcctgggc    1020
agctcctcca attgtttaaa agcatgtaca aaatgccaa aggtgatgct acctcctgca    1080
ggacaaaggc cagggaggaa agaagagagc tgggagagat tggcgatact agtctggaac    1140
agataggaaa ctcacagggc tgcccggaga gagcgtgagc tcaccgtccc tggaagtatg    1200
taagcagagc caggagctcg tgcc                                1224
```

<210> 1699
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(360)
 <223> similar to gill113865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1699
 ggcacgagga aattgctgaa cttcaggggc aagcagcagt gctcaaggag gcacatcatg 60
 aggccacttg caggcatgag gaggagaaaa aacaactgca agtgaagctt gaggaggaaa 120
 agactcacct gcaggagaag ctgaggctgc aacatgagat ggagctcaag gctagactga 180
 cacaggctca agcaagcttt gagcgggaga gggaaggcct tcagagtagc gcctggacag 240
 aagagaaggt gagaggcttg actcaggaac tagagcagtt tcaccaggag cagctgacaa 300
 gcctggtgga gaaacacact cttgagaaaagg agtagttaag aaaagagctc ttggaan 357

<210> 1700
 <211> 1079
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(1075)
 <223> similar to gi3170196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1700
 agcctctaca actgagttaa agaaagagag taaaaaagaa aggccagagg aaaccagcaa 60
 ggatgagaaa gtcgtgaaaa gcgaggacta tgaagatcct ctacaaaaac ctttagacct 120
 tacaatcaaa tatcaatacc taaggaggga agacttggaa gatggctcaa aggggtggagg 180
 ggacattttg aaatcttttg aaaatactgt caccacagcc atcaacaaag cccaaaacgg 240
 ggccccccagc tggagtgcct accccagcat ccacgcagcc taccagctgt ctgagggcac 300
 caagccgcct ttgcctatgg gatcccaggt actgcagatc cggcctaate tcaccaacaa 360
 gctgaggccc attgcaccaa agtggaaaagt gatgccactg gtttctatgc ccacacacct 420

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| ggcccccttac | actcaagtca | agaaagagtc | agaagacaaa | gatgaagcgg | tgaaggagtg | 480 |
| tgggaaagaa | agtccccacg | aagaggcctc | atctttcagc | cacagtgagg | gcgattcttt | 540 |
| ccgcaaaagt | gaaacacctc | cagaagccaa | aaagaccgag | ctgggtcccc | tgaaggagga | 600 |
| ggagaagctg | atgaaagagg | gcagcgagaa | ggagaaaccc | cagcccctgg | agcccacatc | 660 |
| tgctctgagc | aatgggtgcg | ccctcgccaa | ccacgccccg | gccctgccat | gcatcaaccc | 720 |
| actcagcgcc | ctgcagtcgg | tcctgaacaa | tcacttgggc | aaagccacgg | agcccttgcg | 780 |
| ctcaccttcc | tgctccagcc | caagttcaag | cacaatttcc | atgttccaca | agtcgaatct | 840 |
| caatgtcatg | gacaagccgg | tcttgagtcc | tgctccaca | aggtcagcca | gcgtgtccag | 900 |
| gcgctacctg | tttgagaaca | gcgatcagcc | cattgacctg | accaagtcca | aaagcaagaa | 960 |
| agccgagtcc | tcgcaagcac | aatcttgtat | gtccccacct | cagaaggcac | ggtcttgtct | 1020 |
| tgacattcgc | cgacatgggt | caaaagttcc | ttccccaaag | gccaccaccc | caaaggcca | 1079 |

<210> 1701

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (191)...(300)

<223> similar to gil83039 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

<400> 1701

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| caagtccagt | cccaagttaa | aggaaggttg | aatttcctga | aaaatnaaat | gtgggcaaaa | 60 |
| gggcttccca | aaccagatg | gggaattagg | agatggcttg | ggaatgacat | gatctgagga | 120 |
| agggcctggg | tcaggaaga | gcatgtttgt | gtagtgggtt | cataacttct | ctgggcttct | 180 |
| gcttgcttag | gtgcaattaa | cagactttga | gaactctgcc | tatgtgggtg | ttgtgggtact | 240 |
| gctcaccaga | gtgatccttt | cctacaaatt | ggattttctc | attccactgt | caaaggtaag | 300 |
| gatatgtttc | tttatgggtg | tggttataga | tctatctgta | gatatatatta | tttatatatg | 360 |
| ctattttatt | cccaccta | ttcatttgaa | attgtttacc | ctttgcaata | aaatgtttct | 420 |
| ccatcctcgt | gcc | | | | | 433 |

<210> 1702

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (13)...(345)

<223> similar to gi5690435 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1702

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ggcacgagcg | gcacgagatc | tgaagaggta | tattgcttac | agaaagagcg | ggagatggta | 60 |
| aatcacagtc | ttcaagagac | ttctgagcaa | aacgttattc | tacagcatac | tcttcagcaa | 120 |
| cagcagcaaa | tggtacaaca | agagacaatt | agaaatggag | agctagaaga | tactcaaact | 180 |
| aaacttgaaa | aacaggtgtc | aaaactggaa | caagaacttc | aaaaacaaag | ggaaagttca | 240 |
| gctgaaaaagt | tgagaaaaat | ggaggagaaa | tgtgaatcag | ctgcacatga | agcagatttg | 300 |
| aaaaggcaaa | aagtgattga | gcttactggc | actgccaggc | aagtn | | 345 |

<210> 1703

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(328)

<223> similar to gi2065210 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1703

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| acatcaatgc | tccagctttg | attcaaagag | atcttgatca | ctttttgctt | ttgcaaaata | 60 |
| tcaccctagt | ccattacatt | gatgacagta | tgctgattgg | atccagtgag | caagaagtag | 120 |
| caaacacact | ggacttatta | gtgagacatt | tgcataccag | aggatgggaa | ataaatccaa | 180 |
| gtaaaattca | gggaacttct | acctcagtaa | aattttctagg | ggtacagtgg | tgtggggcct | 240 |
| gtcaagatat | tccttctaag | gtgacggaca | agttgctgca | tttggcccgt | cctacaacca | 300 |
| agaaagaggc | acaacggcta | gtgctcgtgc | c | | | 331 |

<210> 1704

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(179)

<223> similar to gi4337103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1704
ggcacgagct tctacttgta caggaaaggt tacttgagtt tgtccaaagt ggtgccgttt    60
tctcactatg ctgggacatt gctgctactt ctggcacgtg tggcctgcct cctaggcatt    120
gtccgctggg cctacccccca cttcccgag tttctcgcca tctcctctcc gatccatctc    180
tacctgacgt cataactcta tatgcatgtt atgcggtcca tcttagtctt ctaaaaaggc    240
catttttagct tacctgccat caagctatac atgtggaaat atacactgta ttattttccc    300
tttccagggtg attacttacc tcatctgttc ttatatctgc                          340

```

```

<210> 1705
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(218)
<223> similar to gi927649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1705
ggcacgaggg ccgaccagt ctatgaagat gtgcgcgtct cacagaccac ctgggacagt    60
ggcttctgtg ctgtcaaccc taagtttgtg gccctgatct gtgaggccag cgggggaggg    120
gcctttctgg agctgccctt gggcaagact cgacgtgtag ataaaaattgc gttgacggac    180
gttgccctct atggtcgtgt gttatgcgtt gtgtggtacg ttatcttcgg attttgttct    240
tatagcgctt gacgcgatgg tgacttctga tttggttga ctttggcgta ccgatttgtg    300
tgtgtggtca gtagtgcaag ctgtggtgcg g                                     331

```

```

<210> 1706
<211> 418
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(200)
<223> similar to gil938569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1706
agtgaacttt attacagtaa aattggccct gctttgaaaa cagttgggct tagcctggat    60
gtgtcccgctc gggattggcc tcttcattgta atgaaggcag tattggaaga gttaatggag    120
gccacacccc cgaatctcct tgccaaagag ctctgggtcat ctgcacaaac acctgatgaa    180
tggtggagag ttacgcaggt atgtgctttg ttttagacta tactcagtag tagtatttct    240
tttgcttgc accttcttgc ctatcttggt tgctctcctt cccttccttc ctctgtccct    300
ccagacttgg tagtttgaga cgtatatttg agtttaatat tacagttata aaggcatgaa    360
catgactgtg tccgagggca ggatggggga agaagtatgg aggaaatgaa aaggagat    418

```

<210> 1707

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(294)

<223> similar to gi5832792 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1707
ggcacgaggg cagatttgca tctttacaac cagaagctca gggagaagtt gaaggaggag    60
gagaacacag tgggccgaag aggtgagggg gctgagcctc agtatgtgga caagttcggc    120
ttccacacgg tgacgtgctg cggcttcctc ccgcaggtga atgagtggca ggatgactgg    180
ccgacctttt tcgcccggca ccggctccag gcgcagctgg acctcattga gaaggactat    240
gctgaccgag aggcacgaga actctggtcc cggctacagg tgggcacggc agtgacttct    300
ctgggaaaga gctggctctc tcatgatccc gccgcatttg tgcgggttca tctataaaac    360
ggagctggag caggggaacac tgagtccctg agcacacatc agggaggaag gggggcaggg    420
gcgggggttc ccccaaaagg gagtccgaaa ggagtgagga gtgaagacac acttggtctc    480
tcgtgcccct ctccactgct aggtcaccag gtatttagcc tcagactttc ctcatgtgaa    540
acacaggtgc ttgtaaatgg tgggtgtttac catgattact gttcttacta tcagtaaacac    600
ttgtccactc catcgtgttc ctctcccatg ggaagatgtg ggtaccagat gatccagaat    660
gactgatttc aaaacataac tct                                     683

```

<210> 1708

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(479)

<223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (148)...(478)
 <223> similar to gi3080757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1708
 gagactccaa gccccagttt cacctcagag gcagagatga ggggtccccc ggtcctgctc 60
 ctccaggccg ccccaatgga gtgtcctgtt ccgcagggga tcccggccgg gtccagtcct 120
 gagcctgcac ctgacccccc ggggcctcat ttcctccggc aggagcgag cttcgagtgc 180
 cgcattgtgc gcaaggcctt caagcgctcg tccacgtgtt ccaccacct gtcattccac 240
 tcagacacgc ggcctaccc ctgccagttc tgcggcaagc gtttccacca gaagtccgac 300
 atgaagaagc acacctacat ccacacaggt gagaagccgc acaagtgccg ggtgtgcgga 360
 aaggccttca gccagagctc caacctcatc acccacagac tcagagagaa cccaccatgg 420
 tgctgtctcc tgccgacaag accaacgtca aggccgcctg gngtaagggt cgcgcgca 478

<210> 1709
 <211> 1819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(678)
 <223> similar to gi436228 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1709
 cccacgcgtc cgaacagaag atgtgtacac atccagaaag aaacaacacc agaccatgat 60
 gcattatatt tgtgcattaa atactcttca gtacaagaag aaaatagcat tgtagaacc 120
 tctacttggg tacatgcaag ctgagataag tttctttaag atgggttctg aaaatcttaa 180
 tgaacaactg gaagaatttt tagctaatat tggaacaagc gttcagaatg ttcgcaggga 240
 aatggacagt gatatagaga ccattgcaaca gacaatagag gatttggaag tagccagtga 300
 tcccttatat gtgcctgacc cagacccccc caaatttcct gttaatcgaa atttaaccgg 360
 aaaggctgga taccttaatg ctaggataaa aacaggcttg gtgtcatcta cctgggacag 420
 acagttttac ttcacgcagg gtggaaattt aatgagtcag gcccggtggg atgtagcagg 480
 aggcctggcc atggacatag acaactgttc agtgatggct gtggactgtg aagacagacg 540
 atattgtttt cagatcacct ctttcgatgg aaaaaaatct tcaattttgc aagcagagag 600
 taaaaaagat catgaagagt ggatctgtac aataaacac atattctaac aaatatactt 660
 aagtgaatat ccagaggaaa ctgctgcacg agtaaatcaa tcagctctgg aagctgtcac 720
 tcttcccca tctttccagc agaggcacga gagcctgcgg ccagcagcag gacaatctcg 780
 gccaccgaca gctcgaacca gcagttcagg atccttagga tctgagtcta caaatttggc 840
 tgccctctct ctgattctc ttgttgcccc agacacccca atacagtttg acataatttc 900
 tctgtgtgtg gaagatcagc ctggccaggc aaaagccttt ggccaggagg gcaggcgtag 960
 aaatccattt ggagaatctg gaggaagtac aaaatctgaa actgaagatt ctattcttca 1020
 tcagttatatt attgtccgat tcttgggttc aatggagggt aaatcagatg accatccaga 1080
 tgttgtttat gaaactatgc gccaaatctt agctgcccgg gccatccata acatctttcg 1140
 tatgacagaa tcgcatttat tagtcacttg tgactgttta aagttaattg atccacagac 1200

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| acaagttaca | aggctcacgt | ttccattacc | ttgtgtagtt | ttgtatgcta | cacaccagga | 1260 |
| aaataagcgc | cttttttgat | ttgttcttcg | gacatcaagc | gggagaagtg | aaagtaatct | 1320 |
| gtcatcagtc | tgctatatat | ttgagtcaaa | caatgagggg | gaaaagatat | gtgattctgt | 1380 |
| tggactggca | aaacagatag | ctttgcatgc | tgaactggat | cgtagggcat | cagaaaaaca | 1440 |
| aaaagaaata | gagagagtaa | aagagaagca | acagaaagaa | ctcaataaac | aaaaacagat | 1500 |
| tgaaaaggac | ttggaagaac | aaagtcggtt | gatagctgct | tccagtagac | caaaccaagc | 1560 |
| cagtagtgag | gggcagtttg | ttgtccttag | cagtagccag | tcagaagaga | gtgatttggg | 1620 |
| aggaggagga | aagaagagag | aatcagaagc | ataagcttat | acttttggtg | gatattcccc | 1680 |
| cttggaaatt | gacagtttct | atggtgaaat | ggcagaaggt | aacaactatg | ttgaaatatc | 1740 |
| aaggaggaga | ttaagcttta | tatttgctta | tttgttgtag | ctacatttta | aaaaaaagat | 1800 |
| tgaacttgat | gaaaaaaa | | | | | 1819 |

<210> 1710

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(371)

<223> similar to gi3876638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| <400> 1710 | | | | | | |
| aactacccat | tttctggatt | ttcccctatt | tttttgaatc | ccgaatttgt | cagttttttc | 60 |
| caagcttcca | gatgctggat | taccaggtag | attatgataa | tcatgcactt | tataaacacg | 120 |
| gaaagacagg | tcgaaaacag | tctcccgtgc | gtattttcac | caacattccg | cccaacaaaa | 180 |
| taatccttcc | tactgaagaa | gggtacagat | tttgctctcc | gtgtcaacgg | tatgtttctc | 240 |
| tagagaatca | acactgtgag | cactgttaatt | cttgcacatc | caaggatggc | aggaaatgga | 300 |
| accattgctt | tctctgtaaa | aagtgtgtaa | agccttcctg | gatccactgt | agcatctgca | 360 |
| atcactgtgc | tgttcca | | | | | 377 |

<210> 1711

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(533)

<223> similar to gi220637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1711
cggacgcgtg ggtgtgggca acagagaatc cccgggacaa gctgggatga attcaattca    60
ttccccaggc cctgcgagcc cagtcagtca cccggatggc caagaagcca aggcactgcc    120
gccctttgca tgtgacgtgt gcgagaagag gtttacgtgt aattccaagc tagtcatcca    180
caagagatca cacacaggcg agagactctt tcaatgtaat ctctgtggga agcgcttcat    240
gcagcttatt agcctccaat ttcaccagcg aaccacact ggcgagaggc cctacacgtg    300
tgacgtctgc cagaagcagt tcaccagaa gtcctacttg aagtgtcaca agagaagcca    360
cacaggggag aagcccttcg aatgtaaaga ctgcaagaaa gttttcacct acagggggag    420
cctgaaggag caccagcgca tccactccgg agagaaaccc taaaaatgtt ccaagtgtcc    480
aagagccttc agtcggctga aattgttaag acgccaccag aaaacacatc cagaagctac    540
ttcttagtga ttgcataatc cggcttatgc cttctgcacc aagaagaaga gaatgatatt    600
tttcatcaat gttatcagat gacatttgac acatgcaagg gcgtctga    648

```

```

<210> 1712
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(590)
<223> similar to gi50866 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1712
ggtcacagaa aaaaacacag aaatgtgcaa tgtcatgatg cagttgagga aaatggccaa    60
tcattccttta ttacatcgcc aatattacac agctgaaaaa ctcaaggaaa tgtctcagct    120
tatgtctaaag gaacctacac attgtgaggc taacctgac ctgatctttg aagatatgga    180
agttatgaca gacttcgaac tacatgtact ttgtaaacag taccgacaca ttaataactt    240
tcagttagac atggacttga ttttagattc tggaaaattt cgagtttttag gatgcatctt    300
gtctgaattg aaacagaagg gtgatagagt tgtgttattt agccaattta ccatgatgct    360
ggatatctta gaggttctat taaaacatca tcagcatagg tacctcagat tagatggaaa    420
gactcagatt tctgaaagga ttcattctaat tgatgagttt aataccgata tggatatctt    480
tgtgtttctg ctatcaacaa aagctggtgg attaggaata aatctgactt cagcaaattg    540
tgttatactt cagcatattg actgtaatcc ttataatgac aaacgcggcg gtggggggct    600

```

```

<210> 1713
<211> 518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (66)...(521)
<223> similar to gi4559318 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1713
agacggttgc agttgcttcc aaaccttttag tccgcctcgg attcccgttc gacccacgcg      60
ttcgatgtga caaagctttt aatcagcaat caaaccttgc acgtcatcgt agaattcata      120
ctggagagaa accttacaaa tgtgaagaat gtgacaaagt tttcagtcgg aaatcaaccc      180
ttgagtcaca taagagaatt catactggag agaaaccata caaatgtaag gtttgtgaca      240
cagctttcac atggaattct cagctggcaa gacataaaag aattcacact ggagagaaaa      300
cttacaagtg taatgagtgt ggcaagacct tcagtcacaa gtcacccctt gtatgccatc      360
atagacttca tgggtggagag aaatcttaca aatgtaaggt ctgtgacaag gcttttgcgt      420
ggaattcaca cctggtgaaga cactactagaa ttcatagtgg aggaaaacct tacaagtgtgta      480
atgaatgtgg gaagaccttt ggtcaaaatt cagatctt      518

```

<210> 1714

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(656)

<223> similar to gi2315451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1714
tattctttat ttagatatat tcaatattta ttttcattgag attactttct tttgtagata      60
attatcaaac agcacagcta cttgccttaa ttttagagtt actcacattt tgtgtggaac      120
atcacacata tcacataaaa aactatatta tgaacaagga cttgctaaga agagtcttgg      180
tcttgatgaa ttcaaagcac acttttctgg ccttgtgtgc ctttcgcttt atgaggcgga      240
taattggact taaagatgaa ttttataatc gttacatcac caagggaaat ctttttgagc      300
cagttataaa tgcacttctg gataatggaa ctcggtataa tctggtgaat tcagctgtta      360
ttgagttggt tgaatttata agagtgggaag atatcaagtc tcttactgcc catatagttg      420
aaaactttta taaagcactt gaatcgattg aatatgttca gacattcaaa ggattgaaga      480
ctaaatatga gcaagaaaaa gacagacaaa atcagaaact gaacagtgtg ccatctatat      540
tgcgtagtaa cagatttcgc agagatgcaa aagccttgga agaggatgaa gaaatgtggt      600
ttaatgaaga tgaagaagag gaaggaaaag cagttgtggc accagtggaa aaacctaagc      660
cagaagatga ttttccagat aattatgaaa agtttataaa gact      704

```

<210> 1715

<211> 583

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (7)...(311)
 <223> similar to gil389741 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1715
 ctgcgcgcgc tgcaggtcga cactagtggg tccaaagaat tcggcacgag ggcctttaga 60
 atgaatcat acctcattga tcatcacgga actcacacag gagagaaacc atatgaatgt 120
 aatgaatgtg gtaaattcatt cagtcaaaag acaaattctca atctacatca gagaattcat 180
 acaggggaga aaccctatgt ttgtaatgaa tgtgggaagt cctttcgcca gaaagcaacc 240
 ctactgtac atcagaaaat acataccggc cagaaatcct atgaatgtcc tcagtgtggg 300
 aaagccttta gcaggaagtc atatctcatt catcatcaaa gaactcatac gggagagaaa 360
 ccatataaat gtagtgaatg tggaaagtgc ttccgccaga agacaaatct caatctacat 420
 cagagaattc atacagggga gaaaccctat gtttgtaatg aatgtgggaa gtcctttcgc 480
 cagaaagcaa ccctcactgt acatcagaaa atacataccg gccagaaatc ctatgaatgt 540
 cctcagtgtg ggaaagcctt tagcaggagt cgacgcggcc gcg 583

<210> 1716
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(161)
 <223> similar to gi29653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1716
 ggcacgagca gctcaccaac aacacagcca ctgccccctc tgccacgccc gtgtttgggc 60
 aagtggcagc cagcacgcga ccaagtctgt ttgggcagca gactggtatc acagccagca 120
 cagcagttgc cactccacag gtaatcagct caaggttcat taatctagat ttttagtata 180
 tagtattatt gaatatatat aatgttttat atattagact ttatacttga gacataggaa 240
 ataatttatg tataactgtt aattaaattt tatatttgct agattagaaa attctattaa 300
 tttattaatg aattatatct aattatgtga ca 332

<210> 1717
 <211> 1087
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1088)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (39)...(1084)
 <223> similar to gi3329465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1717

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| ttttntcccn | nnnncccggt | cgacccacgc | gtccgaatag | tcctgtagga | gtctctaagg | 60 |
| ttttggtttc | aggaggctcc | acacacaatt | cagagaaaaa | gggagatggc | actcagaact | 120 |
| ccgccaatcc | tagccctagt | gggggtgact | ctgcattatc | tggcgagtgt | tctgcttccc | 180 |
| tacctggcct | actgtccgac | aagagagacc | tccctgcttc | tggtaaaaagt | cgttcagact | 240 |
| gtgttactag | gcgcaactgt | ggacgatcaa | agccttcac | caaattgcga | gatgcttttt | 300 |
| cagcccaa | ggtaaagaac | acagtgaacc | gtaaaagcctt | aaagaccgag | cgaaaaagaa | 360 |
| aactgaatca | gcttccaagt | gtgactcttg | atgctgtact | gcagggagac | cgagaacgtg | 420 |
| gagggttcatt | gagaggtggg | gcagaagatc | ctagtaaaga | ggatccccctt | cagataatgg | 480 |
| gccacttaac | aagtgaagat | ggtgaccatt | tttctgatgt | gcatttcgat | agcaagggtta | 540 |
| agcaatctga | tcctggtaaa | atttctgaaa | aaggactctc | ttttgaaaac | ggaaaaggcc | 600 |
| cagagctgga | ctctgtaatg | aacagtgaga | atgatgaact | caatggtgta | aatcaagtgg | 660 |
| tgcctaaaaa | gcggtggcag | cgtttaaacc | aaaggcgcac | taaacctcgt | aagcgcagta | 720 |
| acagatttaa | agagaaagaa | aactctgagt | gtgccttttag | ggtcttactt | cctagtgtacc | 780 |
| ctgtgcagga | ggggcgggat | gagtttccag | agcatagaac | tccttcagca | agcatacttg | 840 |
| aggaaccact | gacagagcaa | aatcatgctg | actgcttaga | ttcagctggg | ccacgggttaa | 900 |
| atgtttgtga | taaateccagt | gccagcattg | gtgacatgga | aaaggagcca | ggaattccca | 960 |
| gtttgacacc | acaggctgag | ctccctgaac | cagctgtgcg | gtcagagaag | aaacgcctta | 1020 |
| ggaagccaag | caagtggcct | ttggaatata | cagaagaata | tgatcagata | tttgctccct | 1080 |
| aaggaaa | | | | | | 1087 |

<210> 1718
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (204)...(328)
 <223> similar to gi4103882 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1718

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| gtccgctacc | agttcacgcc | tgccttccctc | cgcttgagge | aggtgggagc | cacgtgagtc | 60 |
| gctgggctat | gggtggtggt | gggggtgagg | gagaggggtgt | gagtggggcc | ttcttagcct | 120 |
| ctcgtatggg | tggctctgtcc | tgagcctggc | tggattgttg | acttcatgga | cagacttagc | 180 |
| tctgctcctt | tttcttgctc | atggtggagt | taacagtggg | tgacaatcct | gtatactatt | 240 |
| ttcgcttgat | cgagaggcac | tacgttcgca | tccaggtact | catatgctat | gacttccact | 300 |

atgggtttctg tatacccagc aacacgcg

328

<210> 1719

<211> 344

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(114)

<223> similar to gi553800 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1719

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttggagttca | gtgatgatat | tgtgaagatc | attgaagcag | ccattaattc | agatggagga | 60 |
| cagccagaaa | ttaaaaaagc | caacagcatg | gtcaagtcct | tcttcattcg | ggtgaatgat | 120 |
| attactaatt | catgttttta | atgcttacct | ataagtaatt | accctgtgaa | tacaatgaac | 180 |
| ttgttctctt | ctactttttg | ctttgtggtg | tgtataaaac | atctttggtt | taatttgatc | 240 |
| ccctgattct | ttgagaggaa | cttggtgagg | ttgccagagt | ggatggatct | ttctcttggt | 300 |
| ggcctgaaat | tatcctcgta | ttaacagaga | agctggtttg | aaga | | 344 |

<210> 1720

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(326)

<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1720

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tataaatgta | cagaatgtgg | caaagccttc | agtcagagca | tatgccttac | tcgtcatcag | 60 |
| agaagtcatt | ctggagataa | accttttaag | tgtaatgaat | gtgggaaagc | ctttaatcag | 120 |
| agtgcattgc | tcatgcagca | tcagagaatt | cattcaggag | agaagcccta | cacatgcact | 180 |
| gaatgtggta | aagccttcac | tcagaactct | tcccttggtg | aacatgaaag | gactcacact | 240 |
| ggagagaaac | tttataagtg | tagtgagtgt | gaaaaaactt | tccgcaaaca | agcacacctt | 300 |
| agtgagcatt | acagaattca | tactg | | | | 325 |

<210> 1721
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(364)
 <223> similar to gi5912374 in the genepept database release 114;
 Run with FASTXY 3.3t00, default parameters

<400> 1721

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cctaacttgt | ttccgacagg | gcatggtgct | gatgtgaaat | gtgtagactg | gcatccaacc | 60 |
| aaagggtag | ttgtttcagg | aagtaaagat | agtcaacagc | caatcaagtt | ctgggatccc | 120 |
| aagactgggc | agagtcttgc | aacacttcat | gcccataaaa | acacagtaat | ggaagtgaaa | 180 |
| ttaaacctca | atggcaattg | gctactcaca | gcatcacgtg | atcatctctg | taaacttttt | 240 |
| gatatcagaa | acctaaaaga | agagcttcaa | gtcttccgag | gtcataagaa | agaagccaca | 300 |
| gctgtggcct | ggcatcctgt | tcatgaagga | ctttttgcca | gtggagggtc | tgatggctct | 360 |
| ttgttattct | ggcatgttgg | ggtagagaag | gaagtgggtg | ggatggagat | ggctcacgaa | 420 |
| gggatgatc | | | | | | 429 |

<210> 1722
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(331)
 <223> similar to gi50866 in the genepept database release 114;
 Run with FASTXY 3.3t00, default parameters

<400> 1722

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| ggcttatgaa | caaagtgtgaa | gacattttcaa | ataaattgac | caaacaagtt | accatgctta | 60 |
| ctggaaatgg | aggtggatgg | aacatagaac | aaccttccat | tctaaaccag | agtttgtcac | 120 |
| tcaagcccta | tcagaagggt | ggtttgaatt | ggctggcatt | ggtacataaa | catggactta | 180 |
| atggcatttt | ggcagatgaa | atgggcctag | gaaaaactat | tcaagccatt | gcattttctgg | 240 |
| catacctcta | tcaggagggt | aataatgggtc | ctcattttgat | cgttgttcca | gcttcaacta | 300 |
| tagataactg | gttaagggaa | gttaattt | | | | 328 |

<210> 1723
 <211> 236

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(238)
 <223> similar to gi3628757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1723
 catcagcggc caggaaggat tgcaagcagt cttagccagc gactattcat ttgcacagtt 60
 tagatatctc caaaggcttc tccttgttca tggagggtgg tcttatttcc gaatgtgcaa 120
 attcttatgc tatttcttct ataagaattt tgcatttaca cttgtgcatt tctggtttgg 180
 tttcttctgt ggtttctcag cccagactgt ttatgaccag tggttcatca cccttg 236

<210> 1724
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(497)
 <223> similar to gi330862 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1724
 ccacacgcag aacaacaaca acaagcccca ccaccacccg acaaatgaca acaaccccag 60
 ctgcacttcc aacaacagtc gtgaccacac ccgatctcac aaccggaaca ccactccaga 120
 tgacaacat tgccgtcttc acaacagcaa acacgtgcct ttcactaacc ccaagcacc 180
 ttccggagga agccacaggt cttctgactc ccgagccttc taaggaaggg cccatcctca 240
 ctgcagaatc agaaactgtc ctccccagtg attcctggag tagtgctgag tctacttctg 300
 ctgacactgt cctgctgaca tccaaagagt ccaaagtgtg ggatctccca tcaacatccc 360
 acgtgtcaat gtggaaaacg agtgattctg tgtcttctcc tcagcctgga gcactctgata 420
 cagcagttcc tgagcagaac aaaacaacaa aaacaggaca gatggatgga ataccatgt 480
 caatgaagaa tgaaatgcc atctcccaac tactgatgat catcgcccc tccttgggat 540
 ttgtgctctt cgcattgttt gtggcggttc tctgagagg gaaactcatg gaaacctatt 600
 gttegcagaa acacacaagg ctagactaca ttggagatag taaaaatgtc ctcaatgacg 660
 tgcagcatgg aaggggaagac gaagacggcc tttttaccct ctaacaacgc agtagcatgt 720
 tagattgagg atgggggcat gacactccag tgtcaaaata agtcttagta gatttccttg 780
 tttcataaaa aagactcact tattccatgg atgtcattga tccaggcttg ctttagtttc 840
 atgaatgaag ggtactttag agaccacaac ttctctgtca aaaa 884

```

<210> 1725
<211> 1958
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(528)
<223> similar to gi4803663 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1725
tatatcttgg ccttagaaaa tcagcttaca atggccgaat attttttaga aaatgggtgca      60
aacgtagaag caagtgatgc tgaaggaagg acagcacttc atgtgtcttg ttggcaaggc      120
catatggaaa tgggtgcagg cctgatagca taccatgctg acgtcaatgc tgcagacaat      180
gaaaagcgct ctgctttgca gtctgcagcc tggcagggcc atgtaaaagt gggtcagctt      240
ctgattgagc atgggtgctgt agttgacctt acatgtaacc aagggtgcaac tgcactctgt      300
attgcagccc aggaaggggca cattgatgtt gttcaggtct tattagagca tgggtgctgat      360
ccaaaccatg ctgatcaatt tggacgcact gctatgcgtg ttgcagccaa aaatggacat      420
tctcagataa ttaaattatt agaaaaatat ggggcattcta gtttgaatgg ctgttcccca      480
tctcctgttc acacaatgga gcaaaaaacct ctacagtcac tgtcttcaaa agtgcagtca      540
ttaacaatta aatcaaatag ctctggtagt actggtggag gggatatgca gccttcgtta      600
cgtggtttac ctaatgggcc tactcatgct tttagttctc cttcagaatc tccagattct      660
acagttgacc ggcagaagtc atcactgtca aataattccc tgaaaagctc aaaaaattca      720
tctttgagaa ctacttcac tacagcaacg gctcaaacag tgccaattga tagctttcat      780
aacttgatc ttacagaaca aattcagcag cattcattgc cagcagtag taagtcgaca      840
gtcaattgtt tccccatctt ccacaacaca gtcccttagga cagagtcata attcaccaag      900
tagtgaattt gagtggagtc aagtaaagcc cagtttgaag tcaactaaag caagtaaagg      960
ggggaaatca gaaaattctg ccaagtctgg atcagctggg aaaaaagcga aacaaagtaa     1020
ttcttcacag ccaaaggttt tagaatatga aatgactcag tttgatagaa gaggacctat     1080
agccaaatcc gggactgctg caccacctaa acaaatgcca gcagaatctc aatgcaaaat     1140
tatgatacct tcagctcagc aggaattgg tcgatctcaa cagcagtttc ttattcacca     1200
acaaagtggg gaacagaaga agagaaatgg aataatgaca aatccaaatt atcatcttca     1260
gagcaaccag gtttttcttg gtagggtttc agtcccacga acaatgcaag atagaggggca     1320
tcaggaagtg ttggaaggat acccttcctc agagacagaa ttaagcctta aacaagctct     1380
gaagcttcag attgaagggt ctgaccctag cttcaactat aaaaaggaaa caccattata     1440
aaagtttctt attcttgtga aacaagaaga cattgtgatg ggagtgggtc ttcagctact     1500
ggatgggaaa catatgcctg ttgatttgct gaaaaaacca aaaaaaatga agaattgtgat     1560
cttctggcag tacagttacc ttaattactg taatgtgccc taaatagtaa ggctgccctt     1620
ctcaatgtaa ccctctgtgc ttaaaaaatt tcattttgtg tgctttgtat tctactacaca     1680
ggaataagca ctttttaaaa atgcagatac atactgcagt tccctgataa aagctgaaaa     1740
gaaaatttga gtattttaag ttaaaattgt gataaaaaaa tgtgcatgtg ccataatcaa     1800
atatatatga aaaggcagtg ttccttgat ttattttttt ttctttttgt ggcaaaagaa     1860
acttaaacat actgtttcag tcacattgca ttgtagtgta tggcctgttt cttgtatctt     1920
taaagacgtt gctcaataaa acaaatcttg caactgta      1958

```

```

<210> 1726
<211> 1466
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (3)...(1244)
 <223> similar to gi3929219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1726

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|------|
| tggacttg | gcaattcact | cctcttcatg | aggcagcttc | taagaacagg | ggtgaagtat | 60 |
| gttctctt | cttaagttat | ggggcagacc | caacactgct | caattgtcac | aataaaagt | 120 |
| ctatagact | ggctcccaca | ccacagttaa | aagaaagatt | agcatatgaa | tttaaaggcc | 180 |
| actcgttg | gcaagctgca | cgagaagctg | atgttactcg | aatcaaaaaa | catctctctc | 240 |
| tggaaatgg | gaatttcaag | catcctcaaa | cacatgaaac | agcattgcat | tgtgctgctg | 300 |
| catctccata | tcccaaaaaga | aagcaaatat | gtgaactggt | gctaagaaaa | ggagcaaaca | 360 |
| tcaatgaaaa | gactaaagaa | ttcttgactc | ctctgcacgt | ggcatctgag | aaagctcata | 420 |
| atgatgttg | tgaagtagtg | gtgaaacatg | aagcaaagg | taatgctctg | gataatcttg | 480 |
| gtcagacttc | tctacacaga | gctgcatatt | gtggtcatct | acaaacctgc | cgcctactcc | 540 |
| tgagctatgg | gtgtgaccc | aacattatat | cccttcaggg | ctttactgct | ttacagatgg | 600 |
| gaaatgaaaa | tgtacagcaa | ctcctccaag | agggtatctc | attaggtaat | tcagaggcag | 660 |
| acagacaatt | gctggaagct | gcaaaggctg | gagatgtcga | aactgtaaaa | aaactgtgta | 720 |
| ctgttcagag | tgtcaactgc | agagacattg | aagggcgctc | gtctacacca | cttcattttg | 780 |
| cagctgggta | taacagagtg | tccgtgggtg | aatatctgct | acagcatgga | gctgatgtgc | 840 |
| atgctaaa | taaaggaggc | cttgtacctt | tgcacaatgc | atgttcttat | ggacattatg | 900 |
| aagttgcaga | acttcttggt | aaacatggag | cagtagttaa | tgtagctgat | ttatggaaat | 960 |
| ttacaccttt | acatgaagca | gcagcaaaa | gaaaaatatg | aatttgcaaa | cttctgctcc | 1020 |
| agcatgggtg | agaccctaca | aaaaaaaaa | gggatggaaa | tactcctttg | gatcttggtt | 1080 |
| aagatggaga | tacagatatt | caagatctgc | ttaggggaga | tgagcctttg | ctagatgctg | 1140 |
| ccaagaagg | ttgtttagcc | agagtgaaga | agttgtcttc | tcctgataat | gtaaaattgcc | 1200 |
| gcgataccca | aggcagacat | tcaacacctt | tacatttagc | aggtaagtga | atgaagtttc | 1260 |
| acagatttag | gctggtaata | tctgagattc | attttaccca | ggtaaaatat | tttctgtaac | 1320 |
| taaactttta | aaattcaaat | caggccaagc | atgggtggctc | acacttgtaa | tcccaacact | 1380 |
| ttatgaggct | aaggcaggag | gattgcttga | gccagggaat | ttgagagcag | cctgggcaac | 1440 |
| atggcaaaac | cacacctcta | taaaaa | | | | 1466 |

<210> 1727
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(602)
 <223> similar to gi5821434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1727

| | | | | | | |
|------------|------------|------------|-----------|------------|-----------|----|
| ggcagcagct | ggaagaatcc | tccaataatc | taaccagtt | ccagactgta | gaggccaat | 60 |
|------------|------------|------------|-----------|------------|-----------|----|

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| tgaaacagtg | gcttgtggaa | aaagaactta | tggtcagtg | tcttgggccc | ttgtcaattg | 120 |
| acccaaatat | gctaaacaca | caaaggcagc | aggtgcagat | tttgctgcaa | gaattcgcca | 180 |
| ctcggaaacc | tcaatatgaa | cagctgacag | cagctgggtca | gggcattctg | agcaggcctg | 240 |
| gagaagaccc | ttctttacat | gggattgtga | aagagcaact | ggcagctgtg | acccaaaaat | 300 |
| gggatagcct | aacagggcaa | ttgagtga | gatgtgactg | gattgaccaa | gccattgtta | 360 |
| aaagcacaca | gtatcaaagc | ctgctgagaa | gcctttctga | taaactgagt | gacttggata | 420 |
| ataaactcag | cagcagctctg | gctgtgagca | cgcaccctga | tgctatgaac | caacagttgg | 480 |
| aaacagccca | aaaaatgaag | caggagatac | agcaggaaaa | gaagcagata | aaagtggccc | 540 |
| aggcactctg | tgaggatttg | tcagcactgg | ttaaagaaga | gtacttgaaa | gcagaactt | 599 |

<210> 1728

<211> 1711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (993) ... (632)

<223> similar to gi5824429 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1728

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|------|
| tttttttttt | tagaaattag | aatactttat | tataaatatt | ttcagaatat | aaactgattt | 60 |
| tgtatcaaga | cctctttgaa | acttttagaaa | ctttatgtaa | cctaagatca | taatataatt | 120 |
| cattttccac | tttccagcct | agaaaataca | ctgcaagtta | gatctaataa | aggagaaaaa | 180 |
| aattgcttca | cagagaaaaa | ccaatgaaca | taaaataccc | aactcaaaac | tataacaaac | 240 |
| ccaatcaaga | aacagattgt | gcaaagggtca | ttaatctctc | aattttaa | aaataacctc | 300 |
| ccaacagaaa | atatttccac | catcaaagca | atttgatgaa | taaaagcaga | gtcactttca | 360 |
| ttaaaggaaa | ttactactata | tgttcaaaaa | atgtaataat | gcttttagaa | aatgaggaaa | 420 |
| agcaagcaat | ttctgtgttg | gagagcaagc | atgctaaca | ctttgtttac | taggcctttg | 480 |
| ttagaagtta | aagaacctat | tcacataaga | aaagtgggtat | gaacacggat | atcataaaac | 540 |
| caagctctca | cctatttttt | caattttaat | ttgggagaac | caactttgaa | agcttcaaaa | 600 |
| tccaagaata | gactggtecc | aaagcatttc | ctcctctgtc | ctttcttggc | cttggtcctt | 660 |
| tttctttttt | gtacgcttac | gttcctcttt | cttagagact | acatctcggc | ttttttctc | 720 |
| ctttcgattc | ttaagctttt | ctgtactgac | atgtacggtt | tctatttcca | cctctgtttt | 780 |
| ctttcttttg | atgctcttgt | gtttgtctaa | gtcaatttcc | tgcagctttt | ttttctctt | 840 |
| atgcttagac | cgctcctcct | ctgatttttc | tctgccttcc | tctgggtgcc | ttttcctctt | 900 |
| ctgatgtatc | tgtttgtgac | tggtttgatg | agtactggta | ctgttatctg | aggagaagtg | 960 |
| cttgtaaact | ctatgttcta | caccatgtga | gccacaaata | tattcttggt | gattaaagtt | 1020 |
| caggggtact | gggtttttctg | agaaacagtc | cctcgtgaac | tgacagtagc | tcagagagtc | 1080 |
| tagtctcaat | ctgctgtcat | gggctggtaa | ccactgaggc | aaccgatttt | ccactgtttg | 1140 |
| tggaatat | catgatcttg | ggtaggtctg | gatggtttca | gatgggagtc | tctgggtcaa | 1200 |
| cattctatac | gtgggtcttg | aattaacctc | tcctttgtac | ccacaggttt | ccaaatagtc | 1260 |
| ccctttcatc | tttctgaaac | aagtcttttg | ctctaagcct | ctggctttct | gtactttaat | 1320 |
| ataatcttca | agttcatctt | gaaaagagtc | atatgtcttc | tttgaatgct | tcattaggtt | 1380 |
| gacaaaacgg | gattttcctt | atcaggctga | gaatttgggtg | gagaaatctg | atcatattca | 1440 |
| ctcagttttt | cagcatgaat | tttcaaatag | tgagactaca | caataactgg | tgagctcata | 1500 |
| atgcaaaatc | ctttgttatt | tgaactgtaa | cactactcca | cagacatctt | ttataaaagg | 1560 |
| tatctgtaaa | caagtttcag | tctttgttca | ttcaatgtgg | tatcttctct | gaggcagggg | 1620 |
| cgggcgtcta | caactactgt | ccccacccc | gccaacgcgc | ccagccaggg | gataagccgc | 1680 |

ggtggagacc attctgatgt tggacgtgtc c

1711

<210> 1729

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(764)

<223> similar to gi1212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1729

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| atccaacctg | aaacctggag | tcaattacta | cttcgggta | tctgctgtaa | actgtgctgg | 60 |
| acaaggagaa | cctatagaaa | tgaatgaacc | tgtacaagct | aaagatatac | ttgaggcacc | 120 |
| agagattgac | ctggatgtgg | ctctcagaac | ttctgttatt | gccaaagctg | gtgaagatgt | 180 |
| acaagtgttg | attcccttta | aaggcagacc | tccacctact | gtcacatgga | gaaaagatga | 240 |
| gaagaatctt | ggcagtgatg | ccagatacag | cattgaaaac | actgattcat | cctcattact | 300 |
| caccattcct | caagttactc | gcaatgatac | aggaaaatat | attctcacia | tacaacatgg | 360 |
| agttggtgaa | cctaagtctt | caactgtgag | tgtaaagtgt | cttgacacac | cagctgcctg | 420 |
| ccagaaacta | caggttaaac | atgtttctcg | aggcacagtc | actttgctct | gggatcctcc | 480 |
| tctcattgat | ggaggatctc | caataattaa | ttatgtcatt | gaaaagagag | atgccaccaa | 540 |
| gagaacatgg | tctgtcgtgt | cacacaaatg | ttctagcaca | tccttcaagc | taatagattt | 600 |
| gtcggagaag | actccattct | tcttcagagt | tcttgacagaa | aatgaaattg | gaattgggga | 660 |
| accctgtgaa | actacagagc | cagtgaaggc | tgctgaagta | ccagctccta | tacgtgatct | 720 |
| ctcaatgaaa | gactcaacaa | agacatctgt | catectcagc | tg | | 762 |

<210> 1730

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(847)

<223> similar to gi1017427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1730

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttctcagag | gtgtaatata | actacgactg | aaaaatcggc | aatcctggaa | attccaagta | 60 |
| gcacagtaga | ggatgcagga | caatacaact | gctacattga | aaatgcctct | ggaaaagatt | 120 |
| cctgttcagc | acaaatactc | atactagaac | caccgtatct | tgtaagcag | ttggagccgg | 180 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ttaaggtgtc | tggtggagat | tctgcctctc | tacaatgcca | gcttgctgga | acccctgaaa | 240 |
| ttggggatc | ctggtataaa | ggagatacaa | aattgagacc | cactacgact | tacaaaatgc | 300 |
| attttaggaa | taatgttgct | acactggttt | tcaaccaggt | tgatattaat | gatagtggag | 360 |
| aatatatctg | caaagctgaa | aacagcgtgg | gagaagtttc | tgcatcaact | ttccttaccg | 420 |
| ttcaagagca | aaaacttcca | ccatcatttt | ctcgacaatt | gagagatgtt | caaggaacag | 480 |
| ttggactgcc | agttgttttt | gattgtgcca | taagtggatc | agaacctatc | tccgtgtctt | 540 |
| ggtataaaga | cggcaagcca | ttgaaagaca | gccc aaatgt | acaaacatca | tttttagaca | 600 |
| atacagccac | actcaatatt | tttaaaactg | accggagcct | tgaggccag | tattcctgca | 660 |
| cagctacaaa | ccctataggc | tctgcttctt | ccagtgccag | gctcattctc | acagagggga | 720 |
| agaaccacc | cttctttgac | atccgtcttg | cccctgtgga | tgctgtggtg | ggagaaagtg | 780 |
| ctgactttga | gtgccacgtc | acgggcacac | aaccgataaa | ggtcagctgg | gccaaagaca | 840 |
| gcat | | | | | | 844 |

<210> 1731

<211> 1404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(1061)

<223> similar to gi3874886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1731

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| gcgccacgcg | cggcctggcg | gcggcggcca | ctctaaccag | cgcaaaatgt | ccctggaaca | 60 |
| ggaggaggaa | acgcaacctg | ggcggtcctt | aggacgcaga | gacgccgtcc | ccgccttcat | 120 |
| tgagcccaac | gtgcgtttct | ggatcaccca | gcgccaatcc | tttattcgac | gatttcttca | 180 |
| atggacagaa | ttattagatc | ctacaaatgt | gttcatttca | gttgaaagta | tagaaaactc | 240 |
| gaggcaacta | ttgtgcacaa | atgaagatgt | ttccagccct | gcctcggcgg | accaaaggat | 300 |
| acaggaagct | tggaaagcga | gtcttgcaac | agtgcattcc | gacagcagca | acctgatccc | 360 |
| caagcttttt | cgacctgcag | cgttcctgcc | tttcatggcg | cccacgggat | ttttgtcaat | 420 |
| gacgccactg | aaagggatca | agtcctgtat | tttacctcag | gttttctctt | gtgctacat | 480 |
| ggcagcgttc | aacagcatca | atggaaacag | aagttacact | tgtaagccac | tagaaagatc | 540 |
| attactaatg | gcgggagccg | ttgcttcttc | aactttctta | ggagtaatcc | ctcagtttgt | 600 |
| ccagatgaag | tatggcctga | ctggcccttg | gattaaaaga | ctcttacctg | tgatcttctt | 660 |
| cgtgcaagcc | agtggaatga | atgtctacat | gtcccgaagt | cttgaatcca | ttaaggggat | 720 |
| tgcggtcatg | gacaaggaag | gcaatgtcct | gggtcattcc | agaattgctg | ggacaaaggc | 780 |
| tgttagagaa | acgctagcat | ccagaatagt | gctgtttggg | acctcagctc | tgattcctga | 840 |
| agtcttcacc | tactttttta | aaaggaccca | gtatttcagg | aaaaaccagg | ggtcattgtg | 900 |
| gattttgaaa | ctgtcttgta | ctgtcctggc | aatgggactg | atggtgccat | tttcttttag | 960 |
| tatattttcca | cagattggac | agatacagta | ctgtagtctt | gaagagaaaa | ttcagtcctc | 1020 |
| aacagaagaa | acagaaatct | tttatcacag | aggggtgtag | gccgtgagtt | ttaggtgaat | 1080 |
| ttatgtggtt | ccctgcttga | aaaccttccc | cctctcccag | gttcggttta | gagaactttg | 1140 |
| cccacaggte | ttctggggac | cccagagggt | tctgtgctga | caaggcgact | tcagattcca | 1200 |
| tactgagatc | gttcccaggc | tggcgtctct | ggggttttta | aggctggctg | gagaagacag | 1260 |
| tgggaagggt | gccccgtctg | acacccttgg | ggttgctgag | ggaacggttg | gagtggggat | 1320 |
| cggcctgcga | aaggatactg | tgaatcact | aattaactaa | taaacctgtc | tcaagttgag | 1380 |
| gatttgaaga | aaaaaaaaaa | aaag | | | | 1404 |

<210> 1732
 <211> 562
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(565)
 <223> similar to gi312142 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1732
 cccacgcgtc cgaggagattg gaagtcttct ataacgggac ctggggcagc gtcggcagga 60
 ggaacatcac cacagccata gcaggcattg tgtgcaggca gctgggctgt ggggagaatg 120
 gagttgtcag cctcgccctt ttatctaaga caggctctgg tttcatgtgg gtggatgaca 180
 ttcagtgtcc taaaacgcat atctccatat ggcagtgcct gtctgcccc tgggagcgaa 240
 gaatctccag cccagcagaa gagacctgga tcacatgtga agatagaata agagtgcgtg 300
 gaggagacac cgagtgtctt gggagagtgg agatctggca cgcaggctcc tggggcacag 360
 tgtgtgatga ctctctgggac ctggccgagg cggaagtggg gtgtcagcag ctgggctgtg 420
 gctctgctct ggctgccctg agggacgctt cgtttgcca gggaactgga accatctggt 480
 tggatgacat gcggtgcaaa ggaaatgagt catttctatg ggactgtcac gccaaaccct 540
 ggggacagag tgactgtgga ca 562

<210> 1733
 <211> 489
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (79)...(490)
 <223> similar to gi5019275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1733
 cccacgcgtc cgcccaacgg tccgccctcc ctgacttttc cagcctttca ctttaacttc 60
 ctggagctct aattttctct tctcagatca gcatccccag aacacacctg tgttaagtca 120
 aagaccttgg acccaatggg catcttcttc accagtggga ccacaggctt ccccaagatg 180
 gcaaaacact cccatgggtt ggccttacaa cctcctctcc caggaagtag gaaattacgg 240
 agcctgaaga catctgatgt ctctgggtgc ctgtcggact caggatggat tgtggctacc 300
 atttggaccc tggtagaacc atggacagcg ggttgtaga tctttatcca ccatctgcc 360
 cagtttgaca ccaaggctat catacagaca ttggtgaaat accccattaa ccacttttgg 420
 ggggtatcat ctatatatcg aatgattctg cagcaggatt tcaccagcat caggttccct 480

<210> 1734
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(483)
<223> similar to gi3327168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1734
cttggtatgt ggtgccccca gaacatggcc agcgcttga acgcctggcc agggagctct 60
tcccaggcag ttcccggggt tgtggggcct tcctgcggca caaggtggcc ctcatctcgc 120
ctacagttct caaggaaaat gggattccct tcaatcgcat aactcaggag gctggagagt 180
tcatggtgac ctttccctat ggctaccatg ctggcttcaa ccatggtttc aactgcgcag 240
aggccatcaa ttttgccact ccgcgatgga ttgattatgg caaaatggcc tcccagtgtgta 300
gctgtgggga ggcaagggtg accttttcca tggatgcctt cgtg'cgcatc ctgcaacctg 360
aacgctatga cctgtggaaa cgtgggcaag accgggcagt tgtggaccac atggagccca 420
gggtaaccagc cagccaagag ctgagcacc cagaaggaagt ccagttaccc aggagagcag 480
cgctgggcct gagacaactc ctttccact gggcccggca ttccccttgg cctatggctg 540
cccgcagtgg gacacggtgc cacacccttg tgtgctcttc actcccacgc cgatctgcag 600
ttagtggcac tgctacgcag ccccgggctg ctgctgtcca cagctctaag aagcccagct 660
caactccatc atccaccctt ggtccatctg cacagattat ccacccggca aaaggcagac 720
gtggtcgggg tcgcctcc 738

<210> 1735
<211> 689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(245)
<223> similar to gi912755 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1735
atacaaacac caaattagaa gtcaagaaaa tccctcagga attgaacaac attaccaagc 60
tcaatgaaca cttcagcaaa tttggaacta ttgttaatat ccaggttgct ttttaagggtg 120
accagaagc agccctaate caatatctta ccaatgagga ggccaggaaa gccatttcta 180

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcacagaagc | agttctaaac | aaccgattca | ttcgagtctt | gtggcatagg | gaaaataatg | 240 |
| agcaaccgac | actacagtcc | tcagcacagc | tgctcctgca | acaacagcaa | acacttagtc | 300 |
| acctctcaca | gcagcaccat | cacctgccac | agcatctaca | tcagcagcag | gtgctagtgg | 360 |
| cccagtctgc | tccttcaaca | gtgcacggag | gtatccagaa | gatgatgagc | aaaccacaga | 420 |
| catcaggtgc | atatgttctt | aacaaagttc | ctgttaaaca | tcgtcttgga | catgcaggtg | 480 |
| gtaaccagag | tgatgcatca | catttgttga | atcagtcctg | tggtgctgga | gaagattgcc | 540 |
| agatattttc | aactccaggc | catccaaaaa | tgatttacag | ctcctcaaac | ttaaagacac | 600 |
| cttcaaagct | ctgttcaggg | tctaaatctc | atgatgttca | agaagtgctt | aaaaaaaaac | 660 |
| aggaagcaat | gaagttacaa | caagatatg | | | | 689 |

<210> 1736

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(378)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1736

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tatgaatgta | aggaatgtgg | gaaggtattc | tttttttctt | tttcccttcg | gagacatgaa | 60 |
| aggacacaca | ctgggaaact | ctgtgaatgt | aaacagcatg | ggaaaggatt | ttttcataga | 120 |
| agctgtccta | gacacatgaa | gatagacact | ggagagatac | ttcataaacg | taagatacgt | 180 |
| ggaaaagtct | ttcattctcc | tagttcattt | caaacatgtg | aaagatctca | cactagagaa | 240 |
| aaacgctata | aatgcaagca | atgtggaaaa | cccttcattt | atttcaatgc | ctttcaacgt | 300 |
| catcaaagga | gccacactgg | agagaacccc | tatgagtgtg | agcaatgtgg | gaaagcctgt | 360 |
| atttcttcca | ctgcttttca | gtg | | | | 383 |

<210> 1737

<211> 517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (294)...(520)

<223> similar to gi458399 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1737

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| catccccctt | cattcaatcc | tgtagcaact | ggcagtgaca | agtggtgccc | aggacagggg | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| catgagcaaa | gaaggtctgc | tggagcagag | aaagtgaac | tgaccagatg | agcaagaaac | 120 |
| cttgggacaa | gtctactggc | agctaataata | agcacatacc | aagggtacca | gcactcgggg | 180 |
| aagcaaggac | ggaagaagaa | aagaggatgc | tctttctccc | tcatgtaccc | caggtatctg | 240 |
| ctagaaagag | aagagaacta | gggacacctg | ccaccctctt | cctaggttct | gtggatggaa | 300 |
| agagaccaaa | tacttttagca | tccaatactc | agctgtacaa | gtggatatcc | cagaatgacc | 360 |
| ttcttggtca | tccaaaaact | aaatctttta | tgactcatgg | ggaaaccagt | ggcatctatg | 420 |
| aggcaatcta | ccatgggatc | cctatggtgg | gcattccttt | gtttgcagat | caacctgata | 480 |
| acattgctca | catgaaggcc | ctcaatgtgg | acatcag | | | 517 |

<210> 1738
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> similar to gi189036 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|---|
| <400> 1738 | |
| caggcctgct | gcaggggcta cctggccagg aaagcatttg ccaagcggca gcagcagctt 60 |
| accgccatga | aggtcctcca gcggaactgc gctgcctacc tgaagctgcg gaactggcag 120 |
| tggaggcggc | tcttcaccaa ggtgcgtgct aagaagggcc tcctgagtag ctgggactac 180 |
| gggtgcacac | caccatacat acctggctaa ttgtttgtat tttttgtagg aggtgtggtc 240 |
| tcaccatggt | cgcccagggt ggttcacaaa ctcttggggc tccagcaatc ctccttacct 300 |
| tcagccttcc | caaagtgcgt ggaattacag ggcattggagc cactggtggc ccggcccttt 360 |
| ttgcattttt | agtaggagac aaggtcttca ctatttttgc ccaggttgac ctttcctggg 420 |
| g | 421 |

<210> 1739
 <211> 541
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(513)
 <223> similar to gi1212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|---|
| <400> 1739 | |
| catgggctca | gcctcagcca ccatcagagt acagatcctt gacaaaccag gccacactgg 60 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| aggaccaatt | gaattttaaga | ctgtaactgc | tgagaagatc | acccttctct | ggcggcctcc | 120 |
| agctgatgat | ggtggtgcaa | aaatcactca | ctacattgtg | gaaaagcgtg | agacaagccg | 180 |
| cgttggtgtg | tctatggtgt | ctgaacattt | ggaagagtgc | atcattacaa | ccaccaaaat | 240 |
| tatcaaagga | aatgaataca | tcttccgggt | ccgagccgtg | aacaaatatg | gaattggcga | 300 |
| gccactggaa | tctgattccg | ttgtagccaa | gaacgcattt | gttacacctg | ggccaccagg | 360 |
| cataccagaa | gtgacaaaga | ttaccaagaa | ttcgatgact | gttgatatga | gcaggccaat | 420 |
| tgcagatggc | ggtagtgata | taagtggcta | tttccttgaa | aaacgagaca | agaagagcct | 480 |
| aggatggttt | aaagtactaa | aagagacgat | cctggaagct | gggcttcgga | agcgtccagc | 540 |
| t | | | | | | 541 |

<210> 1740

<211> 333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(330)

<223> similar to gil439625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1740

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| agctgacgtg | gtctgcctgt | tattggagag | atatattaag | aatccagttg | tggattgcag | 60 |
| ctgatattct | tttgcgaaatg | cttgaaaaag | cacttcttta | tagtgaacac | cagaacatca | 120 |
| gcaacactgg | actgtcatcc | caaggcttat | tgatatttgc | ggagttgatt | cctgccatta | 180 |
| agaggacgtt | ggctcgcctt | ctcgtgatca | ttgcgagcct | ggactatggc | attgagaaac | 240 |
| ctcatttagg | aacaggcatg | caccgtgtga | tcggactgat | gcttctatac | ttaatctttg | 300 |
| caaatgctga | aagcgtgatt | agagtcattg | ggg | | | 333 |

<210> 1741

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(360)

<223> similar to gi38522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1741

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| gtgcagtgtc | ccttttagcag | tcattaactc | acagtgagtt | atcaatgggt | gttagttctc | 60 |
| tgtgggtctg | acaacttagt | atagtgaaaa | gagtgctggc | ctgtggctga | acatgctgga | 120 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaagagcttg | cctggccaca | gggacacagc | cacgcagatc | cagcatgtgt | ctcccatgtg | 180 |
| ccaagtggag | ccccagcca | agaaggcagc | cacactagca | gagggtgaca | aggacaatga | 240 |
| cattgacctg | tttgtcagcg | acaatgagga | ggaagacaag | gaggcagccc | ggctgtggga | 300 |
| gaagtggctg | aggtggtatg | tggagaagaa | ggccaagaag | actgcgttgg | tggccaag | 358 |

<210> 1742
 <211> 1552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (756)...(1525)
 <223> similar to gil747 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|-------------|---|
| <400> 1742 | |
| atgaaccatc | caaatctgtt aatcaagata cctgtagtcc ttttccaggg atgctctttg 60 |
| gaggtgaaga | tcgaggaact tattuagaga aggaaagaga aatccagtct agactgggtg 120 |
| gaacaaatgg | ctgagcaaca gaggagcaag agacgagaaa aagatctaga actcagggtt 180 |
| gcagcgtctg | gagcacaaga ccctgagaaa tctgtggaatg aattactcac atcattgcag 240 |
| ttaagtaagg | aggagcctga tagactaaag cagtttagtg tggcaccaag acactttgaa 300 |
| gagatgatac | cacctgaaag acccagaata gctttccaga cacctctccc gcctttatct 360 |
| gccccatctg | tcccacccat cccatcagtt catcctgttc cttctcaaaa tgaagatttg 420 |
| cgcagtggac | tcagccagcg cccttggtga aagggcgtct cccaggattg cacctctgcc 480 |
| tatcacctcc | cctactacca cctttggcta ctaactatcg aactccttat gatgatgcac 540 |
| actattttta | tggggccagg aatactttcg atcccagtct tgcttattat ggttcaggaa 600 |
| tgatgggcgt | acagcctgca gcttatgtta gtgctcctgt caccaccaa ctagcacaac 660 |
| ctgtttgtgaa | tacggttgga cagaatgaac tgaagattac aagtgatcaa gtgataaatt 720 |
| caggattgat | ttttgaagat aaaccgaaac cttccaaaca gtbacttcag tcttaccaag 780 |
| aggctttgca | gcagcagatt cgggaaagag aagaaagaag gaagaaagaa cgtgaagaaa 840 |
| aagaagaata | tgaagctaaa ttagaagctg aaatgagaac atataatccc tggggaaaag 900 |
| gtggagggtg | tgctcctctc agggatgcaa aaggaaatct gataactgat ttgaatagga 960 |
| tgcacagaca | aaatatagat gcctaccata acccagatgc aagaacatat gaagataaaa 1020 |
| gggctgttgt | atctctagac ccaaatttag ccacttcaaa tgctgagaac ctagaagatg 1080 |
| ctgcaaataa | aagctcaggt catatgcaaa cacagagctc tccttttgct cggggaaatg 1140 |
| tatttgggtga | gcctccaact gaacttcaga ttaaacagca agaattatac aagaattttc 1200 |
| ttcgtttcca | gattgaggaa aagaaacaaa gagaggaagc agagcgagag agactgagaa 1260 |
| ttgcagaaga | aaaagaagaa agacggcttg cagaacagag ggcacgaatt cagcaggagt 1320 |
| atgaagagga | acaggaaaag aaaagagaga aagaggagga gcaaaggcta aaaaatgaag 1380 |
| agcatattcg | gttagctgaa gaaagacaaa aagaagcaga aagaaagaag aaagaagaag 1440 |
| aagaaaaata | taacctgcaa cttcagcact actgtgaaag agacaatttg attggggaag 1500 |
| aaacaaagca | catgagacag ccttctccta tagttcctgc tcttcagaac aa 1552 |

<210> 1743
 <211> 594

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (115)...(594)
 <223> similar to gi3876101 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1743
ggcâcgcagggt gcgtccctga tcttattacc tgctaaaggg cctatgcttt atgctaaatc      60
aaaattcccc ttaatcatca atgctaaaac ctttttttac ttttaatctt acttaaagat      120
tccttattag caagcttgct ggatggagta agagcctctg gtaatagaga tgtttgatgca      180
aaaatgacac caaccataa aggtcagcga tgggggttac tcatcatgcc tgttgatgag      240
gaagtagaga gccttcacct caggttctta gctacgcctc caaatggcaa ctttgagat      300
gctgtattca ggatcaatgc taatatttca tacagtggag tcctacatgc agtaacacaa      360
gatggtctct tctcagaaaa caaagaaaaa ctgatcaata atgccataac agcattactg      420
tcccaagaag gggatgtcgt tgcttcaaat gccgaacttg agagtcagtt ccaggctgtg      480
aggaggcttg tggcatccaa agctggtttc ctggccttca ctcagcttcc aaagtttcgc      540
gagcgtctag nggtgaagggt agaaaaagca ctcaaaagag caacaacgga tatt          594
  
```

<210> 1744
 <211> 1269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(1270)
 <223> similar to gi1136422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1744
gcgccccacgc gtcgggtctt tcccacactg caggatctgt cttcttctaa agaaccttct      60
aattccctaa acttacctca cagtaatgag ctgtgttcat cccttggtgca tcccgaattg      120
agtgcagggtca gttctaacgt tgcaccaagc atccctccag taatgtcaag acctgttagc      180
tcttcctcca tttccactcc cttgccccca aatcaaataa ctgtatttgc cacttccaat      240
cccatcaciaa cttcagctaa cacatcagca gctttgccaa ctcacttgca gtctgcattg      300
atgtcaacag ttgtcacaat gcccaatgag ggtagcaagg ttatgggttc tgagggacag      360
tcagctgctc agtctaagtc cgggcctcag ttcattacac ctgtctttat caattcatcc      420
tcaataattc aggttatgaa aggatcacag ccaagcaciaa ttctgcagc cccactgaca      480
accaactctg gcctgatgcc tccctctgtt gcagttgttg gccctttaca catacctcag      540
  
```

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|------|
| aacataaaat | tttcttctgc | tctgtaccg | cctaagccc | tctccagtag | tctgtctcca | 600 |
| aacatccaga | caggtcgacc | tttggtcctt | agctcacgag | ccaccctgt | tcagcttct | 660 |
| ttccctcctt | gtacgtcttc | tccagttgtc | ccttctcatc | cccctgtgca | gcaagtgaac | 720 |
| gaattgaatc | cagatgaggc | tagccctcag | gtgaacacct | cagcagatca | gaacactctt | 780 |
| ccctcttcac | agtcaaccac | aatggtttct | ccccttttga | ccaatagtcc | aggggtcctt | 840 |
| ggcaaccggc | gaagcccagt | ctcgtctagt | aagggcaaag | gaaaagtgga | caaaattggc | 900 |
| caaattttgt | tgaccaaggc | atgtaagaaa | gttacaggct | ctcttgagaa | aggggaagaa | 960 |
| caatatgggtg | cagatggaga | gactgaaggc | caagggctag | acaccacagc | tccgggggctc | 1020 |
| atgggaacag | agcagttatc | cacagagctg | gacagtaaaa | ccccaacgcc | cccagcaccc | 1080 |
| actctgctaa | aaatgacctc | tagccctgtg | ggcccgggca | ctgcctcagc | aggacccagc | 1140 |
| ttacctggcg | gtgctctccc | caccagtgtg | cgctcgatag | taaccactct | ggtaccctcc | 1200 |
| gagctcatct | ccgccgtacc | gaccacaaaa | agcaatcatg | gtggcatagc | atctgagtca | 1260 |
| cttgccggg | | | | | | 1269 |

<210> 1745

<211> 1276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1158)

<223> similar to gi2649562 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1745

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| tctacagcag | ggtatacagg | aacgagacag | tcaaattaag | atgctcaccg | aacaagtaga | 60 |
| acaatataca | aaagaaatgg | aaaagaatac | ttgtattatt | gaagatttga | aaaatgagct | 120 |
| ccaaagaaac | aaaggtgctt | caaccctttc | tcaacagact | catatgaaaa | ttcagtcac | 180 |
| gtagacatt | ttaaaagaga | aaactaaaga | ggctgagaga | acagctgaac | tggctgaggc | 240 |
| tgatgctagg | gaaaaggata | agaattagt | tgaggctctg | aagagggtta | aagattatga | 300 |
| atcgggagta | tatggtttag | aagatgctgt | cgttgaaata | agaattgtta | aaaaccaa | 360 |
| taaaataaga | gatcgagaga | ttgaaatatt | aacaaaggaa | atcaataaac | ttgaattgaa | 420 |
| gatcagtgat | ttccttgatg | aaaatgaggc | acttagagag | cgtgtggggc | ttgaaccaa | 480 |
| gacaatgatt | gatttaactg | aatttagaaa | tagcaaacac | ttaaaacagc | agcagtacag | 540 |
| agctgaaaac | cagattcttt | tgaaagagat | tgaaagtcta | gaggaagaac | gacttgatct | 600 |
| gaaaaaaaaa | attcgtcaaa | tggctcaaga | aagaggaaaa | agaagtgcaa | cttcaggatt | 660 |
| aaccactgag | gacctgaacc | taactgaaaa | cattttctca | ggagatagaa | taagtgaag | 720 |
| aaaattggat | ttattgagcc | tcaaaaatat | gagtgaagca | caatcaaaga | atgaatttct | 780 |
| ttcaagagaa | ctaattgaaa | aagaaagaga | tttagaaagg | agtaggacag | tgatagccaa | 840 |
| atttcagaat | aaattaaaag | aattagttga | agaaaataag | caacttgaag | aaggtatgaa | 900 |
| agaaatattg | caagcaatta | aggaaatgca | gaaagatcct | gatgttaaag | gaggagaaac | 960 |
| atctctaatt | atccctagcc | ttgaaagact | agttaatgct | atagaatcaa | agaatgcaga | 1020 |
| aggaatcttt | gatgcgagtc | tgcatthgaa | agcccaagtt | gatcagctta | ccggaagaaa | 1080 |
| tgaagaatta | agacaggagc | tcagggaatc | tcggaaagag | gctataaatt | attcacagca | 1140 |
| gttggcaaaa | gctaatttaa | agatagacca | tcttgaaaaa | gaaactagtc | ttttacgaca | 1200 |
| atcagaagga | tcgaatgttg | tttttaaagg | aattgactta | cctgatggga | tagccccatc | 1260 |
| tagtgccagt | atcatt | | | | | 1276 |

<210> 1746
 <211> 951
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(952)
 <223> similar to gi5262588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1746

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| ggaggcagga | gggtactaac | ctccgaagcc | agactctgtt | atgtgtgctc | agggagtgtg | 60 |
| gagcggtgg | tggagtgtcg | ggcaaaatgc | caccaggctt | tgtcccccat | ggctctgcag | 120 |
| gacctgatgg | agaaggtgat | ggttcttaac | aggagcttgg | agcaactgcg | gggtcctcat | 180 |
| ggggtgagcc | caggccctgc | cacaacctac | agggtcactc | agtatgcaa | cctcctggca | 240 |
| gcccagggca | gcttggccac | tgccatgagc | tttctacca | gggactgtgc | tcagccacca | 300 |
| gttcagcagc | taagagatcg | gctttttcat | gctcaagggt | ctgctgtctt | gggccaacag | 360 |
| tctccccctt | tccccctccc | ccggattggt | gtgggagcta | ccctccactc | taaagagaca | 420 |
| tcattcttaca | gattgggata | ccagccttct | caccagggtc | caactccatc | tccaaggcca | 480 |
| agggttttca | ccccctcagtc | atcaccagcg | atgcccttgg | caccttccca | tcctagccct | 540 |
| tatcagggtc | ccaggacaca | gaatataagt | gactacaggg | cacctgggcc | ccaggccatc | 600 |
| cagcctttgc | ctttgagccc | tggggtaagg | cctggacctc | aagattcctg | gaaagaagcc | 660 |
| ccagccccca | ggggaaacct | ccagaggaac | aagctgccag | agacatttat | gccccagca | 720 |
| ccaattactg | ctccagttat | gagcctcacc | cctgagctac | aagggtattct | tccttcacag | 780 |
| ccccctgtct | ccagtgtgag | tcatgtctcc | ccaggagtgc | caggagaact | cagcctgcag | 840 |
| cttcagcacc | tgccacctga | gaagatggaa | aggaaggagc | tgcccccaga | gcattcagtc | 900 |
| ttgaagagca | gctttgaggc | gcttctccaa | cgctgtctcc | tgtctgcaac | t | 951 |

<210> 1747
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (210)...(417)
 <223> similar to gi2734081 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1747

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| gcgagcatgc | atcacatcag | aagggtcctat | tgccttcatg | aacgacaatc | gagtgggttag | 60 |
| aaccaaagat | atgtttatca | aaccactata | aaaatggagc | tgaccagccc | tttgcaactg | 120 |
| atcagagtaa | gccggtggca | gtcccagaag | agcagcctgt | tgcagaatct | ggactattag | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgagggagcc | tgaagaaata | aatgcagatg | atgagataga | ggatacatgt | gaccacaaag | 240 |
| aggatgacct | gggagctgta | gaagaacaac | gtagtgtcat | cctacatctc | ttgtcacagc | 300 |
| ttaagctggg | catggattta | acaagagtgg | tgcttcctac | atttatccta | gagaagcggt | 360 |
| ccttgctgga | aatgtatgca | gactttatgt | ctcatccaga | cctatttata | gccca | 414 |

<210> 1748
 <211> 134
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(136)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 1748 | | | | | | |
| tttttttttt | gagatggagt | ctcgctctgc | tgcccaggct | ggagtgcagt | gggtgcaatct | 60 |
| tggtcactg | caagctctgc | ctcccagggt | cacgccattc | tcttgctca | gcctcccagag | 120 |
| tagctgggac | taca | | | | | 134 |

<210> 1749
 <211> 12
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(13)
 <223> similar to gi3873837 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|----|--|--|--|--|----|
| <400> 1749 | | | | | | |
| gtaaaaaaaa | aa | | | | | 12 |

<210> 1750
 <211> 504
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (193)...(319)
 <223> similar to gi5689515 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1750

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cggacgcgtg | ggattttgaa | cctaccagca | aggaagagag | ttgaacaatt | tgcccatagt | 60 |
| catgcagatt | taggactgtg | ccagagaccc | cagcaacctg | cttcctagct | caggtacctt | 120 |
| ccttccaggc | tcttgttacc | actctcagag | tggactccca | gatgtggggg | agggttttct | 180 |
| gaaacttaaa | atcatcgagt | ttcccttcgt | tttctctctt | gtgcagcccc | atatcagaat | 240 |
| gaattagctg | gcgtagatac | cgagctgcta | gccgagagat | tttactacca | agccctgtca | 300 |
| gtagctcctc | agattggtaa | gttgtcccca | acttgggcct | ctgaatccag | tagggttttc | 360 |
| ctaggggaaga | cgatgttggt | gagatggcag | gcagttcata | ctcattttcc | ccagctcctc | 420 |
| ttcattctca | gctctctcgt | acttcacctt | gtttatacct | tttccctctt | gtaacacact | 480 |
| cagaaaatgg | tggaagggga | agat | | | | 504 |

<210> 1751
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (239)...(592)
 <223> similar to gi5531827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1751

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| cctgagcccc | gcgagcagga | gaggaggtct | tccggggccgc | ggcctccgag | cgcgcgggat | 60 |
| ttgcagaact | taatatgaat | gtgaagaact | tgcaaagaaa | cttgaaaaca | gccaaagggg | 120 |
| tggcatatca | agaaataaat | tggccttggc | agaattgtat | gaagatgaag | tgaagtgcaa | 180 |
| atcttccaag | tctaatagac | ctaaagccac | agtcttcaag | agcccacgga | caccacctca | 240 |
| acggttttac | tcaagtgaac | atgaatacag | tggattaaat | atagttcgac | cttcaactgg | 300 |
| gaaaattgtg | aatgaacttt | tcaaagaggc | aaggggaacat | ggggctgtcc | ctctgaatga | 360 |
| agccacaaga | gcttcagggtg | atgataaatc | taagtcattt | acaggtggag | gatacagatt | 420 |
| gggtagttct | ttttgtaagc | ggtctgaata | tatctatgga | gaaaatcagc | tgcaagatgt | 480 |
| tcagattttg | cttaaaactgt | ggagcaatgg | tttcagttta | gatgatggag | aattgagacc | 540 |
| ttacaatgaa | ccaacaaatg | ctcaatttct | ggagtctgtt | aagagagggg | tgactctcat | 600 |
| tgcatgtatg | cctgaaattc | agcaacttat | gttagaaatc | ttttaatgtg | gcattactgc | 660 |
| tggcagaaga | tttcaaaagg | ttagtttgaa | gttataatct | gtgaaagtaa | actcagatat | 720 |
| tcagtgtctc | cacccatcca | aagaacattg | taacttacca | gctcttcttg | ctaaaggatg | 780 |
| aggaatcaag | tgattttgct | atgataataa | aagcttttct | gtgttatgat | taaaaaaaaa | 839 |

<210> 1752
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(417)
 <223> similar to gi4966270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1752

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ttgtcacctc | attacgccaa | gcttggggaa | gggaactact | tcagtttgat | cacgggcagt | 60 |
| caaatccaac | ttactacatc | aggctggcta | atcgtgatct | agttctgagg | aagaagcccc | 120 |
| cagggacact | ccttccatct | gcccattgcca | tagagaggga | gttcaggatt | atgaaagccc | 180 |
| ttgcaaatgc | tggagtacct | gtccctaacg | ttcttgatct | ctgtgaagat | tcaagtgtca | 240 |
| ttggcacccc | cttctatgtg | atggagtact | gcccaggctc | catctacaaa | gacccttccc | 300 |
| tgccaggctt | ggagcccagc | cacagacgag | ccatatacac | tgccatgaac | acagtcctgt | 360 |
| gcaaaattca | cagtgtggat | ctgcaggctg | tgggacttga | agactatggg | aagcaaggct | 420 |
| cgacaacctg | ggtgtttcat | ccagaagagc | cagaggtgct | ttgctgttcc | ttgactggga | 480 |
| actttctac | | | | | | 489 |

<210> 1753
 <211> 562
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(564)
 <223> similar to gi488551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1753

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tgggaaagac | tttcgccacc | aacatacact | gtttgagcac | cagaaaatcc | acacagagga | 60 |
| aaggccttat | gagtgcagtg | aatgtggcac | attgtttagg | tacaactccg | accttattaa | 120 |
| acatcagcga | aatcatactg | gagaaaggcc | ttataagtgt | agtgaatgtg | gaaaagcctt | 180 |
| cagcctcaaa | tacaatgttg | ttcaacacca | gaaaattcac | actggagaaa | ggccttatga | 240 |
| gtgcagtga | tgtgggaaag | cttttcttag | aaagtctcac | ctacttcagc | accagaggat | 300 |
| tcacaccagg | ccaaggcctt | atgtgtgtag | tgaatgtggg | aaggccttcc | ttacacaggc | 360 |
| tcaccttggt | ggtcaccaga | aaattcatac | tggagaacgg | ccttatggat | gcaatgaatg | 420 |
| tgggaaatac | tttatgtaca | gttcagcact | cattagacat | cagaaagttc | acactggaga | 480 |
| aaggcctttt | tattgtctgtg | aatgtgggaa | attctttatg | gacagctgca | cactcattat | 540 |
| tcaccagaga | gttcatactg | gg | | | | 562 |

<210> 1754
 <211> 841
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (59)...(828)
 <223> similar to gi3878112 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1754
 tgtctataac caagaccctg tagttacctc tagatttagg gtgaagctga cactacaggg 60
 cctggaggaa gatgacgatg ataggggtatc tcccactgta ctccacaaaa tgtccaatag 120
 cttggagata tccttaataa gcgacaatga gttcaagtgc aggcattcac agccggagtg 180
 tggatatggc ttgcagcctg atcgttggac agagtacagc atacagacga tggaaaccaga 240
 taacctggaa ctaatctttg attttttcga agaagatctc agtgagcacg tagttcaggg 300
 tgatgccctt cctggacatg tgggtacagc ttgtctctta tcatccacca ttgctgagag 360
 tggaaagagt gctggaattc ttactcttcc catcatgagc agaaattccc ggaaaacaat 420
 aggcaaagtg agagttgact atataattat taagccatta ccaggatata gttgtgacat 480
 gaaatcttca ttttccaagt attggaagcc aagaatacca ttggatgttg gccatcgagg 540
 tgcaggaaac tctacaacaa ctgcccagct ggctaaagtt caagaaaata ctattgcttc 600
 ttttaagaaat gctgctagtc atggtgcagc ctttgtagaa tttgacgtac acctttcaaa 660
 ggactttgtg cccgtggtat atcatgatct tacctgttgt ttgactatga aaaagaaatt 720
 tgatgctgat ccagttgaat tatttgaaat tccagtaaaa gaattaacat ttgaccaact 780
 ccagttgtta aagctcactc atgtgactgc actgaaatct aaggatcgga aagaatctgt 840
 g 841

<210> 1755
 <211> 1256
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (179)...(1219)
 <223> similar to gi861392 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1755
 ctgatcacc tgatggccct gcggcgcagc tcccgggttg acccacgcgt ccgagcggat 60
 gttcactctc acgaccatga ttcaagctct tgcacctgtt atgggatggg acaggaagcc 120
 actgaagatg ttttcatcag aagagatgag aggacatctt catcatcatc ataaatgtct 180

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| gacgaagatc | ctgaagggtt | aggggacaggt | tccagatctg | ccatcctgcc | tgccccctgac | 240 |
| tgacaacacc | cgcgatgctg | cctctatcct | catcaacatg | ctctatgatg | acctgcgctg | 300 |
| tgacccggag | cgcgatcact | tccgcaagat | ctgtgaggaa | tatatcacgg | gcaagtttga | 360 |
| cccccaggac | atggacaaga | acttgaatgc | catccagaca | gtgtcaggga | tcctgcaggg | 420 |
| cccccttgac | ctgggcaacc | agctgctggg | actgaaagg | gtgatggaga | tgatggtggc | 480 |
| actatgtggc | tcagagcgcg | agacggacca | gctggtggcc | gtggaggccc | tcatccatgc | 540 |
| ctccacgaag | ctcagccgcg | ccaccttcat | catcaccaat | ggagtgtcac | tgctcaaaca | 600 |
| gatctacaag | accaccaaaa | atgagaagat | caagatccgc | acactggtgg | gactctgtaa | 660 |
| gctcggctct | gcagggtggc | cagactacgg | tctcaggcag | tttgcggaag | ggtcgacaga | 720 |
| aaaactggcc | aaacagtgtc | gcaagtggct | gtgcaatatg | tccatagaca | ctcggacccg | 780 |
| acgctgggca | gtggagggcc | tggcctacct | cacgctggac | gctgatgtga | aggacgactt | 840 |
| tgtccaggac | gtccctgccc | tgaggcccat | gtttgagctg | gccaagacca | gtgacaagac | 900 |
| catcctgtac | tcggtggcca | ccaccctggt | gaactgcacc | aacagctacg | atgtcaagga | 960 |
| ggtcatccca | gagcttgtcc | agctcgccaa | gttctccaag | cagcatgtgc | ccgaggaaca | 1020 |
| ccccaaggac | aagaaggact | ttatagacat | gcgggtgaag | cggcttctga | aggcgggtgt | 1080 |
| catctctgcc | ctggcttgca | tggtgaaagc | agatagtgcc | atcctcactg | accagaccaa | 1140 |
| ggagctgctg | gccaggggat | tcctggcact | gtgtgacaac | ccaaaggacc | gaggcaccat | 1200 |
| tgtggctcaa | ggtggtggca | aggccctgat | tcccctggct | ttggagggca | cagatg | 1256 |

<210> 1756

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(589)

<223> similar to gi3875774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1756

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| acttttctaag | gcaatcgttc | tttgttttcg | actacacttc | acaaaagata | atattacaaa | 60 |
| taatacagct | gctgctacag | tgcgacaagt | tgttactgtt | gtttttgaga | ggatgggtgc | 120 |
| tgaagatgaa | cgacacagag | atattataga | acaaccagta | ctggtacaag | gaaatagtaa | 180 |
| cagaagatct | gtcagtaccc | tcaaaccttg | tgctaaagat | gcatatatgc | ttttccagga | 240 |
| tctttgtcag | ttgggttaatg | ctgatgctcc | ttattggcta | gtgggcatga | cagaaatgac | 300 |
| tcggacgttt | ggcctcgaat | tacttgagtc | agtcctcaat | gattttccgc | aggtcttttt | 360 |
| acaacaccaa | gaatttagtt | tcctcctcaa | agaaagggtg | tgctcctctg | tgataaagct | 420 |
| cttttctcca | aatataaagt | tcagacaagg | ttccagcacc | tcattcttct | cagcaccagt | 480 |
| tgaaaaacca | tattttccta | tctgcatgcy | tttgcctgaga | gtagtatctg | ttctgattaa | 540 |
| gcagttttac | agtcttttgg | taagtgtctaa | tttccttatg | tatttgtgta | tataggtgca | 600 |
| tgttgcgccc | tttgtaaaaa | gtggtctgtt | gcagcgcatt | tagttctttc | aattcaacc | 659 |

<210> 1757

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(784)

<223> similar to gi4008372 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1757

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|------|
| cggacgcgtg | ggcggacgcg | tgggatcggt | ttgtggctga | tttcaaagcc | cagggggccac | 60 |
| ctaagcccaa | cactgatgaa | gggggtgccg | tgctccccag | ctgcgccgac | ctctttgtct | 120 |
| actacaagaa | gtgcatgggtg | caatgctctc | agctcagtac | tggggagccc | atgatcgccc | 180 |
| tgaccaccat | tttcagaag | tacctccgag | aatacgcctg | gaaaatcctc | tctggcaacc | 240 |
| tgcccaaaac | cacaaccagc | agtggaggac | tgactatcag | cagcctcctc | aaggaaaagg | 300 |
| agggctcaga | agtagccaag | ttcactctgg | aggagctctg | cctcatctgt | aacatcctga | 360 |
| gcacggcaga | gtactgtctg | gccaccaccc | agcagctaga | agaaaaactc | aaagaaaaag | 420 |
| tggatgtaag | tctgattgaa | cgaatcaatc | tgactggaga | gatggacacg | ttcagcacccg | 480 |
| tcatctccag | cagtattcag | ctgctgggtc | aggatctgga | tgctgcctgt | gacctgccc | 540 |
| tgactgccat | gagcaagatg | cagtggcaga | acgtggagca | cgttgggtgac | cagagcccct | 600 |
| acgtcacctc | tgtcattctg | cacatcaagc | agaacgtccc | catcatccgt | gacaacctgg | 660 |
| cttccacacg | caagtacttc | actcagttct | gcgttaaatt | tgcaaactcc | ttcattccca | 720 |
| aattcatcac | ccacctcttc | aagtgcaagc | caattagcat | ggtgggagca | gaacaggtag | 780 |
| gatggacgta | gtatcaggca | tttgctggc | agcttttgtt | gtagatcaag | cacatattct | 840 |
| tctagtccag | atctacttgg | caggaataaa | attgatgatg | tcccctgttt | ggggacagta | 900 |
| taatgactca | cccgaagggt | ttcttaattc | gttcttccat | ttatttttaa | aaattttgtt | 960 |
| tgaacgccta | ctaagttctg | ggtgcagggt | ataacacagc | aagcaccatg | gaaaggtccc | 1020 |
| tggctcctag | tgctcacact | ccaataagaa | gaagtggctg | ggcggggcac | agcgggcttc | 1080 |
| acgctgtaaa | ccccagcatt | tcgggaggcc | tgggcaggca | gatcacctc | | 1129 |

<210> 1758

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (162)...(531)

<223> similar to gi4468812 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1758

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| cccacgcgtc | cgctggaagc | tttaaggacc | actgggctaa | aaatttgcct | ttcctcatag | 60 |
| aagactacga | agagcagcca | gggttgcaac | cccacataaa | agatgtgtta | catcagaatt | 120 |
| ttgagagtta | taagcctgaa | gtacaggagc | tgatttgtgt | ggctgatcgt | ttgggatccc | 180 |
| tgatgcaata | tgaaacacct | ggtttcctgc | caaacaagag | aatacacaga | gctatgggtt | 240 |
| tggccgcatt | ggaggtcatg | caagccgtgc | agcgtacatg | gaccaactcg | aaagttcgaa | 300 |
| tgaatgggaa | gacacggttg | atgcagtgga | gagacatgtt | tgacattgca | gttaaattgga | 360 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| gaaggattgc | tgacccagac | cagcccgtgc | tgtgggttaga | tcaaatgcc | gcacgaagtc | 420 |
| ttagcagagg | ttttaacaac | cacattaatt | taatcagggg | tcaggtgatc | aacatgagat | 480 |
| acctagaata | ttttgagaaa | atacttcatt | ttattaaaga | cagaattctt | gtttatcatg | 540 |
| gagctaataa | tcctaaagga | ttgctggaag | ttcgggaagc | cctggaaaag | gtacacaaa | 600 |
| tagaagacct | tcttccgatt | atgaaggtaa | ctttagcatc | agaatggcag | tccatgtttt | 660 |
| tagaggaaaa | gaaaaccaac | agcacttttt | taaaaagaac | tcagaattat | taaatgctat | 720 |
| ttgaaatcac | tcgtatgaac | acattctgaa | taataaccaa | aataaaaagaa | cctacaggca | 780 |
| tcagactcaa | acagaaaaaa | caacttgtga | ggaagcagtt | aatatagaaa | aaaaaaa | 837 |

<210> 1759

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(454)

<223> similar to gi3123572 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1759

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| attcagctag | ccatgggttat | tgcccgttta | tatgaatctg | aatttgagac | ttcatccact | 60 |
| tatatatcca | tcctaaatca | gaagattttg | ggttgcaaaa | aggatggctc | aggattcagt | 120 |
| tgcaaaagat | tacatcctga | tcctttcctg | cgtagtcttg | cctattgggt | aatgaaagat | 180 |
| tacacccgag | ccttggaac | attactggaa | caaacaccaa | aggaggatga | tgaacatcaa | 240 |
| gttatcatca | agtcttgtaa | cccgggtggc | tttagttttt | ataactacct | tcgaactcat | 300 |
| cctttgctca | ttcgaagaaa | tcttgccctc | cctgaaggaa | ctttggcaac | cttaggtctc | 360 |
| aaaactgaga | agaactttgt | tgataaaatt | aacctcatag | aaagaaaatt | attctttacc | 420 |
| actgcaaagt | ctcattttta | agttggatgc | cct | | | 453 |

<210> 1760

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (83)...(412)

<223> similar to gi4650844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1760

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| agtgatgcag | tcagatagaa | ctgccattcg | atctgactcc | actcacttgg | ttacattagg | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| aggagttttg | aggcagcagc | tggatggcag | taaagaatta | cggatgtatg | atgaaagggc | 120 |
| acaagaatgg | agatcttttag | ccccaatgga | tgctccccgt | taccagcatg | gtattgctgt | 180 |
| cattggaaac | tttcttttatg | tagttgggtgg | tcagagtaat | tatgatacaa | aaggaaaaac | 240 |
| tgctgttgat | acagttttca | gatttgatcc | tcggtataat | aaatggatgc | aggttgcatc | 300 |
| attaaatgaa | aagcgcacat | tctttcactt | gagtgccctc | agaggacatt | tgtatgcagt | 360 |
| tggtgggcg | agtgcagctg | gtgaactggc | cacagtagaa | tgttacaacc | | 410 |

<210> 1761

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(815)

<223> similar to gi2853076 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1761

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| tgagctaaca | cctatagcag | ttgacactac | ctctcaaaga | aatgcatctc | caaatagtga | 60 |
| gccctgcagc | agtgattctg | tatccgagcc | agaatgtact | actgattctt | catccagcaa | 120 |
| agagcacaca | tcatcatctg | ctattccagg | agggtgtggat | attatgggtca | gtgaagatat | 180 |
| gaaattaact | gactcagagc | taggaaagct | ggcaaataat | atccaggaat | tattatatag | 240 |
| tgccctcagat | atatgccatg | atcgagctgt | caaattttctc | atgtcaagag | caaaggatgg | 300 |
| ttttcttgag | aagctaaatt | ccatggaatt | cataacactt | tctagattaa | tggaaacatt | 360 |
| catttttagac | accgaacaga | tctgtggaag | aaaaagcacg | tcattacttg | gagcacttca | 420 |
| gagccaagct | attaagtttg | taaatagggt | tcatgaagag | agaaaaacca | agctcagcct | 480 |
| cctcttagac | aatgagcgct | ggaagcaagc | agatgttctt | gcagaatttc | aggatcttgt | 540 |
| tgattctctg | tcagatggga | agattgcttt | acctgaaaaa | aatcaggag | ccacagaaga | 600 |
| aaggaaacca | gctgaagttc | ttattgtcga | gggacaacag | tatgcagttg | ttggaaccgt | 660 |
| attgctgtta | ataagaatta | tccttgaata | ttgccagtgt | gtggataaca | tcccatctgt | 720 |
| tactactgac | atgcttactc | gtctgtcaga | tttattgaag | tacttcaatt | caagaagttg | 780 |
| ccagttagtt | cttgagctg | gtgcactgca | agttgttgga | ctaaaaacga | taactacaaa | 840 |

<210> 1762

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(895)

<223> similar to gi2522322 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 1762
atgtggacag cgtgggtggc ggcagcgagt ctcgggtccct ggactcacc cttccagcc 60
caggcgctgg cacgaggcag ctggtgaagg cttcgtccac aggcaactg tcctcagatg 120
actttgagga gcgagaccct gacctgggag acgggctgga gaatgggctg ggcagcccct 180
tcgggaagtg gacactgtcc agcgcggctc agaccacca gctgcggcga ctgcggggcc 240
cagccaagtg ccgcgagtgc gaagccttca tggtcagcgg gacggagtgt gaggagtgt 300
ttctgacctg ccacaagcgc tgcttgaga ctctcctgat cctctgtgga cacaggcggc 360
tcccagcccc gacacccctt tttggggttg acttctgca gctaccagg gacttcccgg 420
aggaggtacc ctttgtggtc acgaagtgca cggctgagat agaacaccgt gccctggatg 480
tgcagggcat ttaccgggtc agcgggtccc gggctcgtgt ggagcggctg tgccaggctt 540
tcgagaatgg ccgagcgttg gtggagctgt cggggaactc gcctcatgac gtctcgagt 600
tcctcaagcg atttcttcag gagctcaccg agcccgtgat ccccttccac ctctacgacg 660
ccttcattct tctggctaag accttgcatg cagaccctgg ggacgaccct gggaccccca 720
gccccagccc tgaggttatc cgctcgctga agaccctctt ggtacagctg cctgactcta 780
actacaacac cctgcggcac ctggtggccc atctgttcag ggtggctgca cgatttatgg 840
aaaacaagat gtctgccaac aacctgggca ttgtgtttgg gccgacactg ct 892

```

<210> 1763

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(420)

<223> similar to gi5870832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1763
gagaacgtgg aggtcttcac cgctgagggc aaaggaaggg gtctgaaggc caccaaggag 60
ttctgggctg cagatatcat ctttgctgag cgggcttatt ccgcagtggg ttttgacagc 120
cttggttaatt ttgtgtgcc aacctgcttc aagaggcagg agaagctcca tcgctgtggg 180
cagtgcgaagt ttgcccatta ctgcgaccgc acctgccaga aggatgcttg gctgaaccac 240
aagaatgaat gttcggccat caagagatat gggaaggtgc ccaatgagaa catcaggctg 300
gcggcgcgca tcatgtggag ggtggagaga gaaggcaccg ggctcacgga gggctgcctg 360
gtgtccgtgg acgacttgca gaaccacgtg gagcactttg gggaggagga gcagaagga 419

```

<210> 1764

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (114)...(319)

<223> similar to gi200794 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1764

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| aattttttctc | tgtccaggat | tcttgccctcc | aaaccactgt | acctggtcgg | ctgtgcacct | 60 |
| ttgggaacct | tacagtgcgt | tttgtgggga | ccaaggtccc | agagcccacc | tgtccactag | 120 |
| ctacccttg | cacttccagg | ttccgctttg | attataccaa | tgagagggcc | ctgcggcgca | 180 |
| ctctgcagga | ggacctggtg | aaggacgtgc | tgagcaacgc | acacatccag | aacgagttgg | 240 |
| agcgggaatt | tgagcggatg | cgggaggatc | gggaggtgct | cagggtcac | ttcccaactg | 300 |
| gagacagcaa | ggtgcgtgtg | ggtcgaagtg | ctgatgctag | agatgtgcct | ccctggatgg | 360 |
| ctgtccccag | acacagccct | ccctccattt | acccctctct | caggacgaac | tg | 412 |

<210> 1765

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(579)

<223> similar to gi5532485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1765

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| caccctttgt | cataaaatag | tcattctgaaa | aatgaaccac | catcaattcc | aagtctagct | 60 |
| aatttttcata | aataatactt | gttgaatagt | cccattaatt | ctgggcttct | tgctagagt | 120 |
| gtagtatgtt | agtgcactgt | actttaagg | cttaaaagct | gaatatatag | aacttaccag | 180 |
| ggctgttcaa | atacagccaa | aataggaatg | ttcctttcaa | ctgtaactac | ttaattctgc | 240 |
| ttcattcaag | ctaacaattg | catgtaaaca | ttcttacttt | gttttaattt | caagcaacac | 300 |
| aactcagaac | atgcgcgact | gcaagttcct | acatcacaa | taagaagtag | atcaacctca | 360 |
| aggggagatg | tgaatgatca | ggatgcaatc | caggagaaat | tttaccacc | acgtttcatt | 420 |
| caagtgccag | agaacatgtc | gattgatgaa | ggaagattct | gcagaatgga | cttcaaagt | 480 |
| agtggactgc | cagctcctga | tgtgtcatgg | tatctaaatg | gaagaacagt | tcaatcagat | 540 |
| gatttgcaca | aaatgatagt | gtctgagaag | ggtcttca | | | 578 |

<210> 1766

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(512)

<223> similar to gi3868778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1766

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctatcccaaa | gtgagaagaa | caattactat | tcaagccgtt | ttagccctga | cagccagtat | 60 |
| attgacaaca | ggagtgtgaa | cagtgcaggg | cttcacacgg | tgagagagc | accccgactg | 120 |
| aaccacccgc | ctgagcagat | agactctcac | tcaagactac | ctcatagcgc | acaccctcgc | 180 |
| ggaaaaccac | catccgctcc | agcctcggca | cctcagaatg | tatttagtac | gactgtaagc | 240 |
| agtgggtata | acaccaaaaa | aataggcaag | aggcttaata | tccagcttaa | gaaaggtaca | 300 |
| gaagggttgg | gattcagcat | cacttccaga | gatgtaacaa | taggtggctc | agctccaatc | 360 |
| tatgtgaaaa | acattctccc | ccggggggcg | gccattcagg | atggccgact | taaggcagga | 420 |
| gacagactta | tagaggtaaa | tggagtagat | ttagtgggca | aatcccaaga | ggaagttgtt | 480 |
| tcgctgttga | gaagcaccaa | gatggaagga | g | | | 511 |

<210> 1767

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (507)...(781)

<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1767

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tttttttttt | ttcaccagga | gagtctgcag | gtttcctttt | aatcaaggct | ctactgaagg | 60 |
| tgttttgtgg | ggctaaaagc | ccccaaaaca | tgaaatggac | atgtaacacc | acctggatcc | 120 |
| cccatagcag | gccagaacc | tctggcgagc | actgctggtc | tgcccaaata | tgggtaatac | 180 |
| gactgggtat | tcattggctg | cattttcaaag | cacagcactg | ctttcagcca | ggatgaagtg | 240 |
| ggagtgaacc | cagctgctag | cagagctgcc | actccaggct | gagagccaag | taccagccac | 300 |
| tgccagtga | gactggcccc | tttactgaag | ggagttgttc | agagtccagc | caccggccct | 360 |
| ggggagggag | agaagtcagg | gtattctgct | cggggatggt | cagggctccg | cagctccatc | 420 |
| gccagcatcc | tttgaaaagc | cgcctctggc | ggagacagcc | ggctgggggg | gcgctccagg | 480 |
| tttggttgag | acgttcccgc | caccagccgg | ctccggggcg | cggcgcccca | gctgccgtaa | 540 |
| catctcctcg | caggctgcga | tggtgtccag | gagctgccgc | tgccgctgct | ccaccgcgtc | 600 |
| cagcagctgc | tgggcgcgct | cctcccgggg | cggctgtggg | ggtggcctcc | cgcgcagccc | 660 |
| cagccccgcc | ttcccgcggt | ccacgcgggc | agcctccccg | cgtgaccagt | ctgagccccg | 720 |
| gccccattcc | atctccgctt | gcgcggcccc | accaccgccc | ccctttcggc | cgcgcccttc | 780 |
| c | | | | | | 781 |

<210> 1768

<211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(568)
 <223> similar to gi55473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1768

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| ctcacactgg | ggaaaaggccc | tacaaatgta | ataagtgtga | gaaaagttac | cgacaccggt | 60 |
| cagccttcat | tgtacataaa | agagttcata | ctggggagaa | gccctataag | tgtgggacct | 120 |
| gtgaaaaatg | ctttggccag | aaatcagacc | ttatcgtgca | ccagagagtc | cacacagggtg | 180 |
| agaagccgta | taaatgcctg | gaatgtatga | gaagttttac | tcggagtgcc | aacctaatga | 240 |
| ggcaccaggc | aactcacact | cacactttta | aatgccttga | atatgaaaaa | agctttaact | 300 |
| gtagctcaga | tcttattgta | catcagagaa | ttcacatgga | agagaaacca | catcagtggg | 360 |
| ctgcgtgtga | gagtggcttc | ctcctaggaa | tggactttgt | tgcccaacag | aaaatgagaa | 420 |
| ctcaaacaga | ggagctacac | tataaatgca | ctgtatgtga | taaaagcttc | caccagagtt | 480 |
| cagcccttct | tcaacatcag | acagtacaca | ttggtgaaaa | accgtttgtc | tgtaatgtga | 540 |
| gtgaaaaagg | tcttgagctt | agccctcccc | atgcgtcaga | agcctcacag | atgtcttgac | 600 |
| caggcganga | agctgtaata | ccaatatt | | | | 628 |

<210> 1769
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (380)...(818)
 <223> similar to gil055060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1769

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cagagttact | tgccagaggt | tgacagagcca | gttccctgcc | catcttctgt | ggctcccgag | 60 |
| tccttggatg | gggtatagca | gccgcctgcc | atcttccctg | tctcaggacc | tctcccactc | 120 |
| ctatccaggt | gacatcatcc | ggaaaatcat | cccccaaccac | gagctgggtg | gggagctggc | 180 |
| ggcgctgtac | ttggagagca | tcagccccag | cagtcgcaac | cctgccagcg | tggagcccac | 240 |
| catgcccggc | accggggccc | agtgggaccc | ccatgggtggg | ggctgccctc | aggatgacgg | 300 |
| ccactcaggg | acctttggga | gcgtcctggt | ggggaaccgc | attcagatcc | ccaatgactc | 360 |
| tcggcctgag | aaccccgagc | cactgggccc | catctcgggg | gtgggtggcg | ggggcctggg | 420 |

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| cagcgggagc | gacgacaacg | ccctgaagca | ggagctgccg | cggagcgtgc | acgggctgag | 480 |
| cggaaactgg | ctggcgctact | ggcagtacga | gatcggcgctg | agccagcagg | atgcccactt | 540 |
| tcacttccac | cagatccgcc | tgcagagctt | cccggggccac | tcggggggccg | tcaagtgcgt | 600 |
| ggcacccttg | agcagcgagg | acttcttcct | gagcggcagc | aaggatcgta | ccgtgcgcct | 660 |
| ctggccgctg | tacaactacg | gcgacgggac | cagcgagacg | gccccacgcc | tcgtctacac | 720 |
| ccagcaccgc | aagagcgtct | tcttcgtggg | ccagcttgag | gccccacagc | acgtggtgag | 780 |
| ctgtgacggg | gctgtgcacg | tctgggaccc | cttcacaggg | aagaccct | | 828 |

<210> 1770

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(484)

<223> similar to gi551933 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1770

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|------------|-----|
| ggtcgtgacc | ttgattggga | tgaagagatg | gcaaaagccc | agtcacatga | ctgtgttcct | 60 |
| gttcttttcag | aacacccact | gtatattctt | tacacatctg | gcacaacggg | gttacctaag | 120 |
| ggtgtgatta | ggcccaactg | gggatacgct | gtcatgtctac | actgggtcaat | gtcttccata | 180 |
| tacggacttc | aaccgcggaga | ggtgtgggtg | gcagcttctg | acttaggctg | ggttgttgga | 240 |
| cattctctata | tctgctatgg | acctcttctt | catgggaaca | caacagtttt | atatgagggg | 300 |
| aagcctgtgg | gaacaccaga | tgctggcgct | tatttccgtg | tgcttgacaga | gcatggagta | 360 |
| gctgccttgt | ttacagcacc | aactgcaatt | agagcaatcc | gtcaacagga | ccctggggca | 420 |
| gctttgggga | agcagtactc | tctgacaagg | ttcaaaacat | tatttgtggc | tgggagaacg | 480 |
| atgtgatgta | gagaa | | | | | 495 |

<210> 1771

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(410)

<223> similar to gi2970644 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1771

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| aagaaacaga | aagtaaaact | gaacaaacta | gagatattgt | taaaggggat | gtcaaaacct | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtaaatggct | ttttgagacc | cagccaatgg | agtctcttta | tgaaaaagtt | tcgttaatga | 120 |
| ccagcagtga | agaaattcat | aaggagatg | tcaaaacttg | tacttggtc | tttgaaactc | 180 |
| agccacttga | taccataaaa | gatgactctg | aaacagcagt | caaattgcaa | actgtaaaac | 240 |
| aggaggagat | ccaaggtggg | gatgttcgta | cagcatgttt | tctttttgag | acagaaaatt | 300 |
| tggacagcat | acaaggagaa | gaagtgaagg | aatcaagcc | tgttgaaatg | gatatacaag | 360 |
| ctggagatgt | ttccagcatg | aggtataaat | ttgaaaatca | gtccttagat | tctata | 416 |

<210> 1772

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(822)

<223> similar to gi2224721 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1772

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| ctagtttcgc | gagcgggcgc | ttaacgccgt | cgtcgccggc | tttcgacggc | gagctggatc | 60 |
| tgcagcgata | ctccaacggg | ccagccgtga | gcgcattggtc | gctcgggatg | ggagcgggtga | 120 |
| gctggtctga | gagtcgtgca | ggcgaacggc | gcttcccctg | ccctgtatgc | gggaagcgct | 180 |
| tccgcttcaa | ctctatcctt | gctttgcacc | tgcgcacaca | ccagcccag | cgcccacgta | 240 |
| gtcctgctgc | acgcctgttg | ctggagttgg | aagagcgcgc | gctactacgc | gaggcccagc | 300 |
| tggggagagc | ccgaagctca | gggggcatgc | aggccacccc | tgccactgag | ggtctggcgc | 360 |
| ggccccaggc | tccttcacgc | tccgccttcc | gttgccccta | ctgcaaaggc | aagtttcgca | 420 |
| cctcggcgga | gcgcgaacgc | cacctgcaca | tcctgcatag | gccctggaag | tgcggcctgt | 480 |
| gcagtttcgg | ctccagccag | gaggaggagc | tgctgcacca | cagcctgacg | gcccacgggg | 540 |
| ctcccagcgc | tcccctggcg | gccacctccg | ctgcgcctcc | gcctcagcct | cagcctcagc | 600 |
| ctccacccca | gcccgaaccc | agatcagtc | cccagccgga | gccggagccc | cagcccgaac | 660 |
| gtgaggcaac | cccgaaccca | gctcctgccg | ctcccaggga | gccccagcgc | cctccggagt | 720 |
| tccgctgcc | agtgtgcggc | cagagcttta | cacagtcttg | gtttctcaag | ggccacatgc | 780 |
| gtaagcacia | ggcctccttc | gatcatgcgt | gtccgggtgt | | | 819 |

<210> 1773

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(458)

<223> similar to gi1212992 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 1773
cccacgcgtc cgcccacgcg tccgggtcaag aaaaactagt gcctccatcc gtggagctag      60
atgtgaaatt aattgaaggt cttgtggtaa aggctggaac cacagtcaga ttccctgcta      120
ttataagagg tgtgcctgtt cctactgcaa agtggacaac cgatgggagt gagattaaaa      180
ccgatgagca ctacacagtt gaaacagaca acttctcatc agtacttacc attaagaact      240
gcttaaggag agacactggg gaatatcaaa tcacagtttc caatgcagcc ggtagcaaaa      300
cagtagccgt acatcttact gttcttgatg ttccctgggcc accaacaggt cctattaata      360
ttctggatgt tactcctgaa cacatgacta tctcatggca gccacctaag gatgatggag      420
gaagccctgt gataaattat attgttgaga tacag                                     455

```

```

<210> 1774
<211> 638
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(641)
<223> similar to gi4589566 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1774
aggaatgtgg aaagaccttt agacttagtt tttaccttac tgaacacaga agaactcatg      60
caggtaagaa accttatgaa tgtaaggagt gtgggaaatc atttaatgtg cgtggacagc      120
ttaatcggca taaaacaatc catactggta taaaaccttt tgcagtgaag gtgtgtgaga      180
aggcttttag ttatagtggg gacctcagag tacattctag aattcatact ggagagaaac      240
catatgaatg taaggaatgc gggaaagcct ttatgcttcg ttcagtcctt actgaacatc      300
agagacttca tactgggtgtg aagccctacg aatgtaagga atgtgggaag acctttcgag      360
ttcgtttctc aattagtcta cataagaaaa ttcatactga tgtgaagccc taaaaatgtg      420
tacgatgtgg gaagaccttt agatttggtt tctaccttac tgaacaccag agaattcaca      480
ctgggtgaaaa gccctataaa tgtaaagaat ggggaaaggc ctttattcgt agagggaaac      540
ttaaagaaca tctgaaaatt cattctggtt taaaacccta tgactgtaaa gaatgtggga      600
agtccttttag tcggcgtggg cagttcactg aacatcaa                                     638

```

```

<210> 1775
<211> 406
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(408)
<223> similar to gi2970646 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1775
cccacgcgtc cggcagctgt tggccagctg catagataaa ggagacctga gtggcctgca    60
cagtctgcgg tgggagcccc cggctgaccc gagtccagtg ccagccagcg agggggccca    120
gagcctgcac ccaactgaga gcatcatcca tgttccccca ctggacccca gcatggggat    180
ggggcatctg agagcctcag gggccacccc ttgccctcct caggccattg gaaaggcagt    240
ccctctggct ggggaagctg cagcaccagc ccaattgcaa aacacagaaa agcaggaaga    300
cagtcactct ggacagaaag ggatggcagt cttgggaaag tcagaaggag ccacgactac    360
ccctccgggg cctggggccc cagacctcct ggccgccatg cagagt                    406

```

<210> 1776

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(266)

<223> similar to gi5912265 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1776
ggactccatg tcattctctt gcacagcgct gatggtcgtc actgggagga tcccccttct    60
gagcttgaca gtgaacgtgt gtctgcattt cttgtcactg agaccctggt gttctatttg    120
ttctgtctcc ttgcagatga aaccgtcgtg ccaccagatg ttccaagcta cctctcttct    180
caggggaccc tttctgaccg acaagaaacc gtggtcagga ccgagggtgg ccctcaggcc    240
aatgggcaca ttgagagcaa tggttaaggcc tcagtaaccg tgaagcagag ctctgctgtg    300
actgtgtctc tgggtgctgg aggtggcctc caggtcttta cagggcaggt acctggcatt    360
agatggggca aacttgggtga agcccacgcg tccg                    394

```

<210> 1777

<211> 550

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (281)...(552)

<223> similar to gi289404 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1777
ctgtgacacc tccgggacgc cccggcacttg ttgctccac gacctgttgt cattccctta      60
acccggcttt ccccgctggcc ccccgctcctc tcccggtctt gctccttttc atgtgagcat      120
ctgggacact gatctctcag accccgctgc tccgggctgga gaatagatgg ttttgtgaaa      180
aattaaacac cgccctgaag aggagccccg ctgggcagcg gcaggagcgc agagtgtctg      240
cccaggtgct gcagaggtgg cgcctccccg gcccgggacg gtagccccgg gcgccaacgg      300
catgacagac tcggcgacag ctaacgggga cgacaggac cccgagatcg agctctttgt      360
gaaggctgga atcgatggag aaagcatcgg caactgtcct ttctctcagc gcctcttcat      420
gatcctctgg ctgaaaggag tcgtgttcaa tgtcaccact gtggatctga aaagaaagcc      480
agctgacctg cgcaacctag cccccggaac gcacccgccc tttctggcct tcaactggta      540
cgtgaagaca                                     550

```

```

<210> 1778
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (219)...(333)
<223> similar to gi451842 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1778
nagtctcggg gcaataaagg cgtggatggg tcgggtctttg aatttccagg cccgataagg      60
aaagggtatta ggtccgagat tccttttttg tttttccaaa ccaaagagaa atcctcccaa      120
attctccaaa tatggtatct tctagggggg aaaaaaagcc cagtttagac agcgaagaag      180
gttgtcttct gtgatagatc gtctttttct ctttttagtc tcctcctcct ccaccaaggg      240
atgttcgtcc tcctcgtaca cctcctcctc ctccccctc cctcctcct cctgttcggg      300
cctcctttcc cctcctttct gttctcttcc cctcagttgn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnattgtca agccccgaa ctgaagggtta cgagcggccc      420
gtcagcagcc ca                                     432

```

```

<210> 1779
<211> 611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (24)...(614)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1779

```
acaattcctt agtttcacca cttcaaaaaa tttattctag tgtcaaattcc cacatttttaa    60
ataaatacag aaatgatttt gatgattctc catttctccc acaagaacaa aaagcacaaa    120
taagggaata accgtgtgaa tgtaatgagc atggcaaagc ctttagagtg tcttcaagcc    180
ttgctaacca tcaagtaatc cactctgagc ataaccctta caaatgtaat gaatgtgaca    240
aggtcttcag taacagttca aacctgttac aacatcaaa aattcactact ggagagaagc    300
cttacaagtg tcatgaatgt ggcaagctct tcaatcgaat ttcactcctt gcacgacatc    360
agagaatata tactggagag aaaccttaca aatgtcatga gtgtggcaaa gtcttcactc    420
aaaattctca ccttgcaaat catcacagaa tccacactgg agagaaacct taaaaatgta    480
atgagtgtgg caaggtcttc aacagaaatg cacaccttgc acgacatcag aaaattcata    540
gtggagagaa accttacaaa tgtaaggaat gtggcaaagc attttcaggg gggttcaggcc    600
ttactgctca t                                     611
```

<210> 1780

<211> 932

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(934)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1780

```
cagctttgtg tgtgaagttg gcctaggtaa ctcattcttct aatatgaaca tcagaggtga    60
cactggacac aaggcatgtg aatgtcagga atatggacca aagccatgga agagtcaaca    120
acctaaaaaa gccttcagat atcacccctc cttgagaaca caagaaaggg atcacactgg    180
aaagaaaccc tatgcttgta aagaatgtgg aaaaaacatt atttaccatt caagcattca    240
aagacacatg gtagtgcaca gtggggatgg accttataaa tgtaagtttt gtgggaaagc    300
attccattgt ctcagtttat atcttatcca tgaaagaact cacactggag agaaaccgta    360
tgaatgtaaa caatgtggta aatcttttag ttattctgct acccatcgaa tacatgaaag    420
aactcacatt ggagaaaagc cttatgaatg tcaggaatgt gggaaagcat tccatagtcc    480
cagatcctgt cacagacatg aaaggagtca catgggagag aaggcttatc aatgtaagga    540
atgtggaaaa gcattcatgt gtccccgtta tgttcgtaga catgaaagga cccactctag    600
gaaaaaactt tatgaatgta agcagtgtgg gaaagcatta tcctctctta caagttttca    660
aacacacata agaatgcact ctggagaaag accttatgaa tgtaagacat gtgggaaagg    720
ctttttattct gccaagtcac ttcaaagaca tgaaaaaact cacagtggag agaaaccgta    780
taaagtcaag caatgtggta aagccttcac tcgttccggg tcctttcgat atcatgaaag    840
gactcacact ggagagaaac cctatgagtg taagcaatgt gggaaagcct tcagatctgc    900
cccaaattct caatcgcatg gtaggactca ca                                     932
```

<210> 1781
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> similar to gil621040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1781

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttggattca | gtgatggaca | ggaagccagg | cctgaagaaa | ttggctgggt | aatgggctat | 60 |
| aatgaaacca | caggggaaag | gggggacttt | ccgggaactt | acgtagaata | tattggaagg | 120 |
| aaaaaaatct | cgctcccac | accaaagccc | cggccacctc | ggcctcttcc | tggtgcacca | 180 |
| ggttcttcga | aaactgaagc | agatgttgaa | caacaagtgc | tctacaagta | tagaaagaag | 240 |
| ccttctctct | cccaccgtcc | ccagacacca | cataatggaa | aaagcaagaa | ttttctgcat | 300 |
| aagcaaggcc | ttaaaaaaaa | aaaagccagc | ctctgatggg | acttttttcc | tgccaaaaat | 360 |
| cccactggtc | cactgtcgca | atttttacia | aaggccacga | taaaagagta | aggcccattt | 420 |
| tg | | | | | | 422 |

<210> 1782
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(613)
 <223> similar to gi2330794 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1782

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| cgccccagcg | tccgcccacg | cgctccggaag | ggaaagagtg | tgacaacctg | ttcacccgtca | 60 |
| ttgcccattt | atacaacttc | cacgtggtac | agtctctcct | catcttcgac | atthtgaaaa | 120 |
| aactgattgg | aactttcacc | gaaaaagata | ttgaactgat | cttggttaatg | ctgaaaaacg | 180 |
| tgggtttttc | attgaggaaa | gatgatgctt | tatcacttaa | ggaattgatc | actgaagccc | 240 |
| agaccaaagc | cagcggggca | ggcagcgagt | ttcaggacca | gaccaggatt | cggtttatgc | 300 |
| tagagacgat | gttggccctg | aagaacaatg | acatgcgcaa | aattccaggc | tatgaccccg | 360 |
| agcccgtgga | gaagctgagg | aaactgcaga | gagcttttgt | ccgcaacgcc | ggctcagggt | 420 |
| ctgagacgca | gcttcgctgc | tctggggaca | gtgtcttgag | tgcgagagcag | acgggtcgct | 480 |
| ggtggattgt | gggggtccgcc | tggagtgggg | ccccgatgat | cgacaacagt | caccatacgc | 540 |
| acctgcagaa | gcagcttggt | gggacggtca | gttcaaagat | cctagaactc | gccccggagc | 600 |
| agaggatgaa | | | | | | 610 |

<210> 1783
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(778)
 <223> similar to gi3319990 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1783

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| ttggtgtgac | cttaccattc | accttcctgc | agcagtgtgc | cttaaggaga | tacatatcca | 60 |
| gcctcatctt | gcatctcttg | caacctgccc | ttcctcagtg | tctggtgaag | taagtgcaga | 120 |
| tggggtaaat | atgtacctt | tgteccactcc | tggtgtcaca | agtggcctca | cctacataaa | 180 |
| aattcagctt | gtaaaagccg | aagtagcttc | tgctgtctgc | cttagactac | atcgtccacg | 240 |
| ggatgccagc | acattaggcc | tttcacaaat | taaattattg | gggctcactg | cttttggtac | 300 |
| cacctcttct | gcaacagtta | ataatccatt | ccttcctatct | gaagatcagg | tatccaaaac | 360 |
| aagtattgga | tggttacggg | tattacatca | ttgccttact | cacataagtg | atctagaagg | 420 |
| aatgatggca | agtgcagctg | cacctactgc | taatctgctg | cagacttggt | cggccttatt | 480 |
| gatgtcacct | tactgtggaa | tgcatcacc | caacatcgag | gttgtgcttg | taaagatagg | 540 |
| actgcagtct | actagaattg | gcctgaagct | catagacatt | ctcctgagaa | attgtgcagc | 600 |
| atcaggcagt | gacctacag | atttgaatag | tcctttactt | tttgggaagac | taaatggact | 660 |
| ctcttctgac | tctacgatag | atattcttta | ccagcttgga | acaactcagg | atcctgggtac | 720 |
| aaaagacaga | attcaggcct | tggttaaaatg | ggttagtgat | tctgcaagag | tggtctg | 776 |

<210> 1784
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(429)
 <223> similar to gi6002488 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1784
cccacgcgtc cggcttcgtg gtccagggct ccaatggcga gtttcctttc ctgaccagca    60
gtgagcgctt cgaggtgggt agccgtgtgc gccaggccat gccatgaac aggtcctgc    120
tagctggctc cggatgcgag tccactcaag ccacagtgga gatgaccgtc agcatggccc    180
aggtcggggc tgacgcggcc atggtgggtga ccccttgcta ctatcgtggc cgcagtagca    240
gtgcggccct cattcaccac tacaccaagg ttgctgatct ctctccaatc cctgtgggtgc    300
tgtacagtgt cccagccaac acagggctgg acctgcctgt ggatgcagtg gtcacgcctt    360
cccagcaccg gaattattgt ggcataaagg acagcgggtg tgatgtgacc aggattgggc    420
tgattgttca caagaccag gaagcangat tttagg                                456

```

```

<210> 1785
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(435)
<223> similar to gi5869803 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1785
caggacggac ggagcccgcc cactgctaca ggctgtattc atctgcggtt tttggtgact    60
tcgagcagtt tcctcctcca gaaatcaccg ggaggcctgt tgaagactta atccttcaaa    120
tgaaggcgct caacgttgaa aaggctcatc acttccccct cccgacgccc cctccgtgg    180
aagcccttct tgccgcccag gagctgttga tcgcactggg tgccctgcaa ccgccccaga    240
aagcagaaag ggtgaagcaa ctgcaggaga accggctgag ctgccccatc actgcgctgg    300
gccggacaat ggccacgttc cccgtggcac cccgctacgc taagatgctg gcaactgagcc    360
gacaacacgg ctgcctgccc tatgccatca ccacgtgggc cagcatgacg gtgcggggagc    420
tgtttgagga gctggacaga ccagcgggtcc agtgacgagg agctc                                465

```

```

<210> 1786
<211> 567
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (13)...(568)
<223> similar to gi506502 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1786

```


| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ggatagggag | ctttccctaa | tggaacagat | caaggaattg | atcctggaaa | gaaacaccat | 60 |
| gaatgtaccg | actgtgggaa | aacctttctc | tggaagacac | agcttactga | gcatcagaga | 120 |
| attcacactg | gggagaaacc | ctttgaatgc | aatgtatgtg | gaaaggcctt | caggcatagc | 180 |
| tcatctcttg | gtcagcatga | gaatgtcat | accggagaga | aaccctatca | gtgtagtctc | 240 |
| tgtgggaaag | ccttccagcg | cagctcctcc | cttgttcaac | accagcgaat | tcacactgga | 300 |
| gagaaaccct | atcgatgtaa | tctatgtggg | aggtccttta | ggcatggcac | atccctcact | 360 |
| caacacgagg | tcacacacag | tgagagagaag | cccttccagt | gtaagggaatg | tgggaaagcc | 420 |
| tttagtcgat | gttcttccct | tgtccaacat | gagaggactc | atactggaga | gaaacctttt | 480 |
| gaatgtagca | tatgtgggag | ggcttttggg | cagagcccat | ccctttataa | acatatgagg | 540 |
| attcataaga | gaggcaaacc | ttaccat | | | | 567 |

<210> 1787

<211> 1561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1275)

<223> similar to gi3882175 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1787

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|------|
| gcgcgggggc | atcctggccg | tgctggacga | ggcctgcagc | tctgctggca | ccatcactga | 60 |
| ccgaatcttc | ctgcagaccc | tggaacagca | ccaccgccat | cacctacact | acaccagccg | 120 |
| ccagctctgc | cccacagaca | agaccatgga | gtttggccga | gacttccgga | tcaagcacta | 180 |
| tgcaggggac | gtcacgtact | ccgtggaagg | cttcatcgac | aagaacagag | atttctctt | 240 |
| ccaggacttc | aagcggctgc | tgtacaacag | cacggacccc | actctacggg | ccatgtggcc | 300 |
| ggacgggcag | caggacatca | cagaggtgac | caagcgcccc | ctgacggctg | gcacactctt | 360 |
| caagaactcc | atggtggccc | tggtggagaa | ccttgccctc | aaggagccct | tctacgtccg | 420 |
| ctgcatcaag | cccaatgagg | acaaggtagc | tgggaagctg | gatgagaacc | actgtcgcca | 480 |
| ccaggtcgca | tacctggggc | tgctggagaa | tgtgagggtc | cgcagggctg | gcttcgcttc | 540 |
| ccgccagccc | tactctcgat | tctgtctcag | gtacaagatg | acctgtgaat | acacatggcc | 600 |
| caaccacctg | ctgggctccg | acaaggcagc | cgtgagcgct | ctcctggagc | agcacgggct | 660 |
| gcagggggac | gtggcctttg | gccacagcaa | gctgttcata | cgtctacccc | ggacactggg | 720 |
| cacactggag | cagagccgag | cccgccctcat | ccccatcatt | gtgctgctat | tgcagaaggc | 780 |
| atggcggggc | accttggcga | gggtggcgctg | ccggaggctg | agggtatat | acaccatcat | 840 |
| gcgctgggtc | cggagacaca | aggtgcgggc | tcacctggct | gagctgcagc | ggcgattcca | 900 |
| ggctgcaagg | cagccgccac | tctacgggcg | tgacctgtg | tggccgctgc | cccctgctgt | 960 |
| gctgcagccc | ttccaggaca | cctgccacgc | actcttctgc | aggtggcggg | cccggcagct | 1020 |
| gggtgaagaac | atccccctt | cagacatgcc | ccagatcaag | gccaaagggtg | ccgccatggg | 1080 |
| ggccctgcaa | gggcttcgtc | aggactgggg | ctgccgacgg | gcctgggccc | gagactacct | 1140 |
| gtcctctgcc | actgacaatc | ccacagcatc | aagcctgttt | gctcagcgac | taaagacact | 1200 |
| tggggacaaa | gatggcttcg | gggctgtgct | cttttcaagc | catgtccgca | aggttagaca | 1260 |
| agggacaagg | atggcttcag | ggctgtgctc | tttttctagc | cacgtctgca | aggttagaag | 1320 |
| ctgggtgcaga | gttttggggg | ggcacttggg | agaaaatgga | ggcaacccca | gcccaggccc | 1380 |
| agctgctcct | gacactccca | aaactgtcgc | cagcggggag | gggaggcagt | agggactgcc | 1440 |
| gaagcctggg | gccctgggtg | gtgacagggc | agcaccagcc | tgggtccagc | cacctctccc | 1500 |
| acaggtgaac | cgttccaca | agatcaggaa | ccgggccttc | ctgctcacag | accagtcgag | 1560 |
| c | | | | | | 1561 |

<210> 1788
 <211> 2634
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1150)...(2530)
 <223> similar to gi5824570 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1788

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|------|
| actcaccgtt | tgaaagatgg | ctcaactatg | ttgatagaag | cagcaaaaagg | tggccataca | 60 |
| agtgttgttt | gctatctctt | ggattatcct | aataaacttg | tttcagcccc | tccaccagat | 120 |
| gtcactcagt | taactcccc | atcccacgat | ttaaataagg | ctcctcgtgt | accagttcaa | 180 |
| gcactgcccc | tgggtgttcc | acctcaggag | cctgacaaac | cacctgccaa | tgttgccacc | 240 |
| actcttcccc | tcaggaataa | agctgcttct | aaacaaaagt | ccagcagcca | tttgccagca | 300 |
| aacagccagg | atgtacagg | ttacatcacc | aatcagctct | cagagagcat | tgtagaagag | 360 |
| gctcagggaa | agttaacaga | actggaacag | aggataaaa | aagccataga | aaagaatgca | 420 |
| cagctgcagt | ccttggaact | ggctcatgct | gaccaactta | ccaaggagaa | gatcgaggag | 480 |
| ctcaacaaaa | caaggaggga | acaaattcag | aagaaacaaa | agatttttga | ggaactacag | 540 |
| aaagtagaac | gagagttaca | actgaaaact | cagcagcagc | taaaaaagca | gtatctagag | 600 |
| gttaaagctc | aaagaattca | acttcagcaa | cagcagcaac | agtcttgcca | acacctggga | 660 |
| ttactaactc | ctgttggagt | tggagagcag | ctttctgagg | gagactatgc | acggttacag | 720 |
| caagtggatc | ctgttttact | taaagatgaa | ccccagcaga | ctgctgctca | gatgggtttt | 780 |
| gcgccaatcc | agcctctggc | gatgectcaa | gctttgcctc | tggcggcagg | tcccttgctc | 840 |
| ccaggggtcca | tcgcaaactc | tacagaactg | caaggagtga | tagttggaca | gccagtactg | 900 |
| ggccaagcac | agttggcagg | gctggggcaa | ggaattctga | cagaaacaca | acaagggtta | 960 |
| atggtagcca | gccctgtcta | gacctcaat | gacacgctgg | atgacatcat | ggcagtcagt | 1020 |
| ggaagagcat | ctgcaatgtc | aaacactcct | acccacagta | ttgctgcata | catttcccaa | 1080 |
| cctcagactc | caactccaag | tctatcatc | tctccttcag | ccatgcttcc | tatctaccct | 1140 |
| gccattgata | ttgatgcaca | gactgagagt | aatcatgaca | cggcgctaac | acttgctgtg | 1200 |
| gctggtggcc | acgaggaact | ggtacaaaca | ctgctagaga | gaggagctag | tatagagcac | 1260 |
| cgagacaaga | aagggttttac | tccactcatc | ttggctgcca | cagctggtca | tgttggtgtt | 1320 |
| gtggaaatat | tgttggaaca | tgggtgcagac | attgaagccc | agtctgaaag | aaccaaggac | 1380 |
| acaccactct | ccttggtctg | ttctggggga | agacaggagg | tgggtggagct | attgttagct | 1440 |
| cgaggggcaa | ataaagagca | caggaatgtt | tctgattaca | cacctctaag | tctggctgct | 1500 |
| tctggtggct | atgtgaacat | catcaaaata | ttactaaatg | caggagctga | gattaactct | 1560 |
| agaactggta | gcaaattggg | catctctcct | ctgatgttag | cagctatgaa | tgggcataca | 1620 |
| gctgctgtta | agctcctgtt | agacatgggc | tctgacataa | atgctcagat | agaaaccaat | 1680 |
| cggaacactg | cccttacttt | agcctgcttc | caaggaagaa | ctgaagtggg | tagtcttctg | 1740 |
| cttgatagaa | aagcaaagt | tgaacacaga | gctaagactg | gtctcacacc | actaatggaa | 1800 |
| gctgcctctg | gtggatatgc | ggaggtgggc | cgagttcttt | tggataaagg | tgtgatgtt | 1860 |
| aatgccccct | cagttccctc | ctcaagagat | acagctttaa | ccatagcagc | agataaagg | 1920 |
| cattacaaat | tctgtgagct | tcttattggc | aggggagctc | atattgatgt | acgtaacaag | 1980 |
| aaggggaaca | ctccattgtg | gctagcagca | aatggtggac | acctcgatgt | ggttcagtta | 2040 |
| ctggtgcaag | caggtgcaga | tgtggatgca | gcagataacc | gcaagataac | tcctcttatg | 2100 |
| gcagcattta | gaaaggggtc | tgtgaagggt | gtgcgctact | tagtcaaaga | agtcaatcag | 2160 |
| tttccatcag | attctgaatg | tatgagatac | atagcaacca | tcactgataa | ggagatgctg | 2220 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|------|
| aagaagtgtc | atctttgtat | ggagtcaata | gtacaagcca | aagatagaca | ggctgctgaa | 2280 |
| gcaaacaaaa | acgccagcat | tttgttagag | gagttagact | tggaaaagtt | aaggggaagaa | 2340 |
| agtcggaggc | tggctttggc | tgcgaaaaga | gaaaaaagaa | aagagaagag | aaggaagaaa | 2400 |
| aaggaagacc | aaagaaggaa | actagaagaa | attgaagcca | aaaataaaga | gaactttgaa | 2460 |
| ctccaagctg | ctcaagaaaa | agaaaagctt | aaagttgaag | atgagcctga | agtcttgaca | 2520 |
| gaacctccaa | gtgccacaac | cactactacc | ataggtatat | ctgcaacctg | gacaactttg | 2580 |
| gcaggttctc | atggtaaaag | aaataatacc | ataactacaa | ccagttcaaa | gagg | 2634 |

<210> 1789
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(853)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (46)...(634)
 <223> similar to gi2702361 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 1789 | | | | | | |
| cccacgcgtc | cgctgatgct | gaaagagagc | aattttgctg | acagttatta | tgactacatt | 60 |
| tgtattattg | actttgaagc | cacttgtgaa | gaaggaaacc | caccggagtt | tgtacatgaa | 120 |
| ataattgaat | ttccggttgt | tttactgaat | acgcatactt | tagaaataga | agacacgttt | 180 |
| cagcagtatg | taagaccaga | gattaacaca | cagctgtctg | atttctgcat | cagtctaact | 240 |
| ggaattactc | aggatcaggt | agacagagct | gataccttcc | ctcaggtact | aaaaaaagta | 300 |
| attgactgga | tgaaattgaa | ggaattagga | acaaagtata | aatactcact | tttaacagat | 360 |
| ggttcttggg | atatgagtaa | gttcttgaac | attcagtgct | aactcagcag | gctcaaatac | 420 |
| cctccttttg | cgaaaaagtg | gatcaatatt | cggaagtcac | atggaaattt | ttacaagggt | 480 |
| cctagaagcc | aaaccaaact | gacaataatg | cttgaaaaat | taggaatgga | ttatgatggg | 540 |
| cggcctcact | gtggtcttga | tgactctaag | aatatcgccc | gaatagcagt | tcgaatgctt | 600 |
| caggatgggt | gtgaactccg | aatcaacgag | aaaatgcatg | caggacagct | aatgagtgtg | 660 |
| tcctcttcct | taccaataga | gggcactcca | ccaccacaaa | tgccacattt | tagaaagtaa | 720 |
| caacagtttt | gtgtgtggat | cattccaatt | gaagttgcta | tgaagaggta | gcagatgaat | 780 |
| ctcattgaat | tagtcctgta | gtgcaaaact | taagcacctt | anaacattta | aatctttatt | 840 |
| acaggtgata | ga | | | | | 852 |

<210> 1790
 <211> 1335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(1334)
 <223> similar to gi3868778 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1790
 cccgggtcga cccacgcgtc cgggtgagcct tctggtcttt cgccaggaag acgccttcca 60
 cccaatggaa ctgaatgcag agccaagcca gatgcagatt ccaaaagaaa cgaaagcaga 120
 agatgaggat attgttctta cacctgatgg caccagggaa tttctgacat ttgaagtccc 180
 acttaatgat tcaggatctg caggccttgg tgtcagtgtc aaaggtaacc ggtcaaaaaga 240
 gaaccacgca gatttgggaa tctttgtcaa gtccattatt aatggaggag cagcatctaa 300
 agatgggaag cttcgggtga atgatcaact gatagcagta aatggagaat ccctgttggg 360
 caagacaaac caagatgcc a tggaaccct aagaaggct atgtctactg aaggcaataa 420
 acgaggaatg atccagctta ttgttgcaag gagaataagc aagtgcaatg agctgaagtc 480
 acctgggagc cccctggac ctgagctgcc cattgaaaca gcgttggatg atagagaacg 540
 aagaatttcc cattcctct acagtgggat tgaggggctt gatgaatcgc ccagcagaaa 600
 tgctgccttc agtaggataa tgggtaaata ccagctgtcc cctacagtga atatgcccc 660
 agatgacact gtcattatag aagatgacag gttgccagt cttcctccac atctctctga 720
 ccagtcctct tccagctccc atgatgatgt ggggtttgtg acggcagatg ctggtacttg 780
 ggccaaggct gcaatcagt attcagccga ctgctctttg agtccagatg ttgatccagt 840
 tcttgctttt caacgagaag gatttggacg tcagagtatg tcagaaaaac gcacaaagca 900
 attttcagat gccagtcaat tggatttcgt taaaacacga aaatcaaaaa gcatggattt 960
 aggttctccc agcagagatg tgggtccttc cctgggtctg aagaagtcaa gctcgttggg 1020
 gagtctgcag accgcagttg ccgaggtgac tttgaatggg gatattcctt tccatcgtcc 1080
 acggccgcgg ataatcagag gcaggggatg caatgagagc ttcagagctg ccacgcacaa 1140
 atcttatgat aaaccgcgg tagatgatga tgatgaaggc atggagacct tggaagaaga 1200
 cacagaagaa agttcaagat cagggagaga gtctgtatcc acagccagt atcagccttc 1260
 ccactctctg gagagacaaa tgaatggaaa ccaagagaaa ggtgataaga ctgatagaaa 1320
 aaaggataaa actgg 1335

<210> 1791
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (257)...(385)
 <223> similar to gi2529737 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1791
 aaccaagaga gcttgaatt tggtaaactc aagataaagt cagactggat ctgcaggggg 60
 cataaagtgg tacctcctct ctgtttaaat tgtttaattt acttaacta tagtttttgc 120
 ccaagaacga agtcaggcaa gtagtagaac cacactgtac ctgagttctc aacatttggc 180
 tctgagttgt ttatttagta atatgtttta acacaaactc tatcagtttt tagaaatttg 240

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttaacattg | tcttttacta | atttagtata | tgaaaatgat | gatcagctcc | tgtgggaccc | 300 |
| tgagtactta | ccagaagata | aagtgattat | atttcttaaa | gatgcatcta | gaagaacagg | 360 |
| tgatgagaag | ggtgtagaag | caa | | | | 383 |

<210> 1792

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(186)

<223> similar to gi28913 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1792

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctataccatc | agaagccaag | atgagactga | aagccaccct | aactcaccaa | gtctcctcaa | 60 |
| tcaatgggtg | ttgtggaatg | gtggtgggta | ctgccagcac | catggtgaca | gcccgccag | 120 |
| agcagagcca | gattctcatc | cagcaccctg | atgccccatc | ccctgccag | ccacaggtea | 180 |
| gtggctctta | ctctttatgt | catatcttta | tgacgtatct | ttatgtcata | tctattgttc | 240 |
| aaggagcaga | aaattagaga | agaatggact | tcagctttct | gggtttcttc | ctgcttactt | 300 |
| tggttcttga | tggcagtttg | actatagcaa | aacgtaccat | tctttttatt | atttattcat | 360 |
| ttttatttta | gc | | | | | 372 |

<210> 1793

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (218)...(693)

<223> similar to gi1938462 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1793

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgaagtacca | actattactt | gcaattctta | atgatgaact | atatcattct | aaattggatg | 60 |
| attgcctctg | agttggaagt | cctccatttc | tctttccaca | tgagtagtag | cattcacatt | 120 |
| tgctgttact | ttatcacttg | cttcaacaaa | agaacaagtt | aattttattt | atgtttctta | 180 |
| atgctgctgt | aatgttttta | attgtttttc | tttgtcatta | cagacctggg | cattacattc | 240 |
| tctatcattg | atcattgatt | ctgctggccc | actctattat | gtgcatgtgg | aacctaccct | 300 |
| ttctcttatt | ataatagttg | tggtaaagt | gcctcctact | catgctgaag | ttcaccaaag | 360 |
| ccttggtcgc | tgtttgaatg | cccttattac | cacgttaggt | ccagagctac | aaggtaacag | 420 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tacttcaatt | tctaccttaa | ggacttcctg | tctactgggt | tgtgcagtaa | tgcaagataa | 480 |
| cccagactgc | cttgttcaag | ctcaggccat | ctcttgccct | cagcagcttc | atatgtttgc | 540 |
| tccacgacat | gtcaacttgt | ctagcctggg | tagctgcctc | tgtgtgaatc | tttgtagccc | 600 |
| ctacttggtta | ctgagaagag | cagtactggc | ttgcttacgt | cagcttgtag | aaagagaagc | 660 |
| agctgaagtt | tcagaacatg | ctgttatgct | tgctaaggat | agc | | 703 |

<210> 1794
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> similar to gi553477 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| <400> 1794 | | | | | | |
| cttctcttcc | tctgtctact | ctggctccca | gatatcacccg | gagaaattgt | gttgacgcag | 60 |
| tctccaggca | ccctgtcttt | gtccccaggg | gagagagcca | ccctctctctg | cagggccagt | 120 |
| cagagtgtta | gccgcaacct | agcctggtat | cagcagaaac | ctggccaggc | tcccaggctc | 180 |
| ctcatctctg | atacattcag | cgtcgacgcg | gccg | | | 214 |

<210> 1795
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (52)...(354)
 <223> similar to gi3757892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| <400> 1795 | | | | | | |
| tagagacaca | aattacattg | tcataagtaa | aaactatagt | ggatggaaat | aaacacaaat | 60 |
| gacccattatg | tggttttttag | aaggcgtact | gaaaaaatgc | agactcgaaa | aaatcgcaaa | 120 |
| aatgatgaag | cctcttacga | aaaaatgctt | aagctgcgac | gagatctaag | tcgagctggt | 180 |
| actattctag | agatgataaa | agaagagaa | aaaagtaaaa | gagagctatt | gcacttaaca | 240 |
| ctggaaatta | tggaaaagag | gtataatttg | ggcgactaca | atggagagat | catgtctgag | 300 |
| gttatagcac | agagacagcc | aatgaaacct | acttatgcc | tccccatcat | ccg | 353 |

<210> 1796
 <211> 1042
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(797)
 <223> similar to gi3876299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1796

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|------|
| cggacgcgtg | gggtcatgga | gctggcactg | cggcgccttc | ccgtcccgcg | gtggttgctg | 60 |
| ctgctgccgc | tgctgctggg | cctgaacgca | ggagctgtca | ttgactggcc | cacagaggag | 120 |
| ggcaaggaag | tatgggatta | tgtgacggtc | cgcaaggatg | cctacatggt | ctggtggctc | 180 |
| tattatgcca | ccaactcctg | caagaacttc | tcagaactgc | ccctgggtcat | gtggcttcag | 240 |
| ggcgggtccag | gcggttctag | cactggattt | ggaaactttg | aggaaattgg | gccccttgac | 300 |
| agtgatctca | aaccacggaa | aaccacctgg | ctccaggctg | ccagtctcct | atttgtggat | 360 |
| aatcccgtgg | gcactgggtt | cagttatgtg | aatggtagtg | gtgcctatgc | caaggacctg | 420 |
| gctatgggtg | cttcagacat | gatgggtctc | ctgaagacct | tcttcagttg | ccacaaagaa | 480 |
| ttccagacag | ttccattcta | cattttctca | gagtcctatg | gaggaaaaat | ggcagctggc | 540 |
| attggtctag | agctttataa | ggccattcag | cgagggacca | tcaagtgcaa | ctttgcgggg | 600 |
| gttgcccttg | gtgattcctg | gatctcccct | gttgattcgg | tgctctcctg | gggaccttac | 660 |
| ctgtacagca | tgtctcttct | cgaagacaaa | ggtctggcag | aggtgtctaa | ggttgccagag | 720 |
| caagtactga | atgccgtaaa | taaggggctc | tacagagagg | ccacagagct | gtgggggaaa | 780 |
| gcagaaatga | tcattgaaca | ggtaaaaagg | ggaaacactc | agaggcgagc | ctgcttggct | 840 |
| ttttctggtg | ggtacagggc | ccatggttgg | tgttgtcaaa | cttggagtct | acactgaggc | 900 |
| tccccacata | tctgcaaatg | attgcatgct | ggataataaa | tctcttgggt | ctaagcagtg | 960 |
| atgtagtggc | tccttacaga | gtcagaaagc | caccagggcc | tgcaagactt | gcttgtcctt | 1020 |
| cactaaatgt | aaaaattcta | tt | | | | 1042 |

<210> 1797
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(394)
 <223> similar to gi4589642 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1797

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| agctagtcgc | gagcggccgc | ccgcgatcta | taactaggcc | gccacactat | accacgtcgg | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| cactacagca | ggccctgctg | tctcccacgc | cgccagacta | tacaagacac | cagcaggtag | 120 |
| cccacatcct | tcaaggactg | ctttctcccc | ggcattogct | caccggccac | tcggacatcc | 180 |
| ggctgcccc | aacagagttt | gcacagctca | ttaaaaggca | gcagcaacaa | cggcagcagc | 240 |
| agcagcaaca | gcagcaacag | caagaatacc | aggaactggt | caggcacatg | aaccaagggg | 300 |
| atgcggggag | tctggctccc | agccttgggg | gacagagcat | gacagagcgc | caggctttat | 360 |
| cttatcaaaa | tgctgactct | tatcaccatc | acaccagccc | ccagcatctg | ctacaaatca | 420 |
| gggcacaaga | atgtgtctca | caggcttcct | caccaccccc | gccccacggg | tatgctcacc | 480 |
| agccggcact | gatgcattca | gagagcatgg | aggaggactg | ctcgtgtgag | ggggccaagg | 540 |
| atggcttcca | agacagtaag | agttcaagta | cattgataag | ataaagcctg | gcgctctgtc | 600 |
| atgctctgtc | ccccaaaggct | gggagccaga | ctccccgcac | ccccttggtt | catgtgcctg | 660 |
| aacagttcct | ggtattcttg | ctgttgctgc | tggttgctgct | gct | | 703 |

<210> 1798

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (51)...(580)

<223> similar to gi3080530 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1798

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| cagcaacaga | gcctaaagaa | agaaaaagag | cccacattgg | ggtgattcct | cacttttttca | 60 |
| tggctgttct | ctatgtcttt | ttgcatgcaa | ttcttataat | ggttcaagca | acaactctca | 120 |
| atgtagcttt | taactcacac | aacaagtctt | tgcttactat | catgatgtct | aataattttg | 180 |
| ttgaaattaa | aggaagtgtt | ttcaagaagt | ttgaaaagaa | caatctcttt | caaagtgtcaa | 240 |
| atagcgatat | taaggaacga | ttcacaaatt | atgtgctttt | actgatagt | tgtctaagaa | 300 |
| acatggaaca | gttttcttgg | aatccagatc | atctctgggt | gttggtttcca | gatgtctgta | 360 |
| tggttaattgc | atcagaaatt | gccgtggata | ttgtaaaaca | tgcttttatt | actaaattca | 420 |
| atgacattac | tgcagatgtc | tacagtgaat | atagagccag | tcttgctttt | gaccttggtta | 480 |
| gcagccgaca | gaaaaatgca | tacactgatt | acagtgactc | tgtagcacgg | aggatgggct | 540 |
| ttattcctct | cccactagct | gttttactca | tcagagttgt | aacaagctca | attaaagtgc | 600 |
| aagggaatcc | tgtcttatgc | ctgtgtcata | ctcttctatt | ttgggggtga | tatccctgga | 660 |
| aagtacttaa | taggcacgtg | gctgttgggg | ggaaatcgtg | ccagtatgtg | gaagggaagc | 720 |
| caaaatggga | aggaggaagg | ctgttcgaat | tcctnccccg | aacctggcac | tccagggcaa | 780 |
| gcccttcnng | ttaantcaca | gnacaaatgt | taaacccttt | caagggcnnt | tccacaggag | 840 |
| ggaaaccggt | ttgcct | | | | | 856 |

<210> 1799

<211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(321)
 <223> similar to gil016712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1799

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| cccacgcgtc | cgcgactcgg | gaatcttcgg | ccgaggctcg | gcaatcccc | catcctccgt | 60 |
| caccagggag | tgcgggaatc | cgccgtttgc | gctgaggcaa | tggcggcagc | tgcgccggtg | 120 |
| gccgcggacg | acgatgagcg | gcggcggcgg | ccgggggctg | actccatcag | cagctatgaa | 180 |
| gcccagatca | ccgccctgaa | gcaggagcga | cagcagcagc | agcaggactg | tgaggagaag | 240 |
| gagcgggagc | tgggccgcct | gaagcagctg | ctgtcccggg | cctaccccct | ggactccctg | 300 |
| gagaagcaga | tggaaaagg | tgggattggg | atggcttccc | tgctgccctg | ggatttggaa | 360 |
| gaatgttgag | gactgtggat | gtccattccc | ctggatcatg | ggtgcggggc | accagcagt | 420 |
| gattctagga | atagcacaga | gttaccaggt | gttggtgaga | gcttggtctc | gtgctccgta | 480 |
| gggtcctggc | ttgcccctta | ttagtgggtg | accaagtctg | cttagctcca | aaattaactt | 540 |
| aagttatgta | gaggggaagg | aacttacact | taagggtaac | aaaaaaaaatt | cttactgtta | 600 |
| ttaaataattg | acttctgggtg | tacatt | | | | 626 |

<210> 1800
 <211> 679
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(112)
 <223> similar to gi34276 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1800

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atactactat | ttgttttaaaa | tggaaaaata | ttgaaacctt | tacttgtgat | acacagaata | 60 |
| ttacctacag | atttcagtg | ggtaagaata | taacattgac | cagagaattt | ttttttgtgg | 120 |
| cacaatgttg | ttctagatat | tatttaactc | tactctctgc | cctttctctc | ttcctccctg | 180 |
| cctctcttgt | tctccctctg | tttggtttt | ttctttcttg | tctttttctt | gggctgtgg | 240 |
| atatttagag | tcaaataatt | aaattaccta | tacaattcaa | acaaattcac | aaaataaatg | 300 |
| aatacttttc | atgaaaaata | aatatctaaa | aattgaaagt | caattaattt | acaataattt | 360 |
| tcttggaat | tggtatacac | aggcattggt | gaagagatca | tgaaagaagg | gtgttataag | 420 |
| gaaatgataa | tacacaaact | ctgttatgaa | gtaaggaaaa | aaaatacagg | attgtatggt | 480 |
| tcaagagttt | actttttcca | tctgtcatca | acaaaattca | tacacaagtt | caagaacact | 540 |
| taaataagaa | gaaagcagaa | aaagaacagc | aagtgcactc | agggatatgt | ttggatttga | 600 |
| attgaggcaa | ctaataattg | agatgatagt | atttttaaag | tgtatttgaa | tttaatgagg | 660 |
| tgaactctcc | caccctttg | | | | | 679 |

<210> 1801
 <211> 1225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(1221)
 <223> similar to gil017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1801

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|------|
| cccacgcgtc | cgtggcaaag | cttttaagt | gtcctcaaag | cttactgaac | ataagataac | 60 |
| tcatactgga | gagaaaccct | acaaatgtga | agaatgtggc | aaagctttta | accatttctc | 120 |
| aatccttacc | aaacataaga | ggattcatac | tggagagaaa | ccctacaagt | gtgaagaatg | 180 |
| tggcaaagct | tttacccaat | cctcaaaccct | tactacacat | aagaaaattc | atactggaga | 240 |
| gaaattctac | aaatgtgaag | aatgtggcaa | agcttttacc | caatcttcaa | accttactac | 300 |
| acataaaaaa | attcatactg | gaggaaaacc | ctacaaatgt | gaagaatgtg | gcaaagcctt | 360 |
| taagtactcc | tctaccctta | ctaaacataa | gagaattcat | actggagaga | aaccctacaa | 420 |
| atgtgaagaa | tgtggcaaag | ccttcaagcg | gtcttcagac | cttactacgc | ataagataat | 480 |
| tcatactgga | gagaaaccct | acaaatgtga | agaatgtggc | aaagctttta | agtactcctc | 540 |
| taaccttact | acacacaaga | aaattcatac | tggagagaga | ccctacaaat | gtgaagaatg | 600 |
| tggcaaagcc | ttcaaccagt | cctcaatcct | tactacacat | aagagaattc | atactggaga | 660 |
| gaaattctac | aaatgtgaag | aatgtggcaa | agccttttagg | cagtcctcac | accttactac | 720 |
| acataagata | attcatactg | gagagaaaacc | ctacaaatgt | gaagaatgtg | gcaaagcctt | 780 |
| taacaagtcc | tcacacctta | ctagacataa | gagcattcat | actggagaaa | aaccctacca | 840 |
| gtgtgaaaaa | tgtggcaaag | cttctaacca | atcctcaaac | cttactgaac | ataagaatat | 900 |
| tcatactgaa | gagaaaccat | acaaatgtga | agaatgtggg | aaagccttta | accagttctc | 960 |
| aaaccttact | acacataaaa | gaattcatac | tggagagaaa | ccctacaaat | gtgaagaatg | 1020 |
| tggcaaagct | tttaaccagt | cctcaatcct | tactacacat | aagagaattc | atactggaga | 1080 |
| gaaatcctac | aaatgtgaag | aatgtggcaa | agctttctat | cgatcctcaa | aacttactga | 1140 |
| acataagaaa | attcatactg | gagagaaaacc | ctacacatgt | gaagaatgtg | gcaaagcctt | 1200 |
| taaccattcc | tcacaccttg | ctaca | | | | 1225 |

<210> 1802
 <211> 1236
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (367)...(1237)
 <223> similar to gi2981221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1802
ctgattgaca tctttgccat tctaaatggt tatcaggagg gtgacccgag acagagaacg      60
ctgctggatc ctgggaggtt cagcatggtg tctagtccag ctcccatgga ggggtggggaa      120
caagaacaag aactttctagg tcctaaacta caagaggacc aagaagagga agtagttgaa      180
aatgatgagg agatagcctt ttcaggcaag gacaagccag cttcagagaa tagtgaggag      240
aagctgatca gtaagtttga caagcttcca gtaaagatcg tacagaagaa tgatccattt      300
gtggtggact gctcagataa gcttgggctg gtgcaggagt ttgacagtgg cctgctgcac      360
tggcggattg gtggggggga caccactgag catatccaga cccacttcga gagcaagaca      420
gagctgctgc cttcccggcc tcacgcaccc tgcccaccag cccctcggaa gcatgtgaca      480
acagcagagg gtacaccagg gacaacagac caggaggggc cccacctga tggacctcca      540
gaaaaacgga tcacagccac tatggatgac atgttgtcta ctgggtctag caccttgacc      600
gaggatggag ctaagagttc agaggccatc aaggagagca gcaagtttcc atttggcatt      660
agcccagcac agagccaccg gaacatcaag atcctagagg acgaacccca cagtaaggat      720
gagacccac tgtgtaccct tctggactgg caggattctc ttgccaagcg ctgcgtctgt      780
gtgtccaata ccattcgaag cctgtcattt gtgccaggca atgactttga gatgtccaaa      840
caccaggggc tgctgctcat cctgggcaag ctgatcctgc tgcaccacaa gcaccagaa      900
cggaagcagg caccactaac ttatgaaaag gaggaggaac aggaccaagg ggtgagctgc      960
aacaaagtgg agtgggtggt ggactgcttg gagatgctcc gggaaaacac cttggttaca     1020
ctcgccaaca tctcggggca gttggaccta tctccatacc ccgagagcat ttgcctgcct     1080
gtcctggacg gactcctaca ctgggcagtt tgcccttcag ctgaagccca ggaccccttt     1140
tccaccctgg gccccaatgc cgtcctttcc ccgcagagac tgggtcttga aaccctcagc     1200
aaactcagca tccaggacaa caatgtggac ctgatt                                     1236

```

<210> 1803

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (42)...(9)

<223> similar to gi2047349 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1803
tttttttttt ttccttaaac cccccgtttt tccttggaac acaaaagggg ggcccaattt      60
accttttttac ttggtttggg ggcccaaacc ctggaagggt ttttaagaaa aacccttctt      120
tttttgcccc cagggggaag ggga                                     144

```

<210> 1804

<211> 1438

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (2)...(531)
<223> similar to gi3645961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1804
tgctttgcaa atctgcctga cacatcctga gctgcagaat gaaatttgct gtcagcttat      60
taaacagaca agacgaagac agccacagaa tcaaccagga ccattgcagg gctggcagct      120
cttggcactc tgcgttgggc tcttccttcc ccatcatcct ttctgtggc tcctcaggct      180
tcacctaaag aggaatgcag attccaggac agaatttgga aaatatgccca tttactgccca      240
gcgttggtga gaaagaacgc aacaaaatgg tgacagagaa gcaagaccct caaggatgga      300
aattctttca actcttctcc gaaaccctta tcaccattct ttgcccttta gtatacctgt      360
gcacttcacg aatgggatat accaggtagt tggttttgac gcacttacca cagtgggaaga      420
atTTTTgaat actttgaacc aggacacagg aatgaggaaa ccagcgagc ctggatttgc      480
gttgttcact gacgacctt ctggcagaga tttagagcat tgtcttcaag gaaacatcaa      540
ggtgaaacca agtccttttc aggagccaag cccaacgaac agcaaagaag ctactcttta      600
caagaagagt aaactttgca agaagttaa ttcaggagtt ttccaaaact ttaaccaatc      660
taatctccac gataagaaaa aaaaaatgca ggactttggt aaaccatag aattcttaat      720
acacaatctc tacatatata cattccatat taaagagagg aaaggggtta gtaatggaaa      780
tgatactcta agtattagga taataagggt agatatgtag aagtgtctaat aaaatggctt      840
tccatttttt tccattttatt cagcaatact tactaagcta ttttattgta tcccaggggc      900
tggctggact catgtgggga atacaaaagg accagaaata gtccctgcc acagtgaact      960
taaaatttgc ttacggaaga gcagctttat acacagataa ccttgaacta ggggtgaaag     1020
tgatgaaagt tttgagagtg ctgtgaactt tgcacagaaa gagagagttt aagttcagca     1080
ttgggaagtt tagggaaagg ccctgagctg gaaatgaaaa atgggttagg aaacagacct     1140
gtgtcccggg tgcagtggct tacgcctgta atccaagcac tttgggaggc cgggtcaggt     1200
ggatcatttg aggccaggag tttgagacca gcctgggcag catggcaaaa acccatctct     1260
actaaaaata caaaaattag ccaggcatgg tgccacacac ctgtagtccc agctactctg     1320
gaagctgagg cactagaatc tcttgagccc atgaggtcga ggctgcagtg agccgtgatc     1380
acgccactgc actccagcct ggggtgacaga gcaagactgt ctcacaaaaa aaaaaaaa     1438

```

```

<210> 1805
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (5)...(673)
<223> similar to gill09854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1805
ggaattcccg gtgcgcaggc agggcaacta cctgctgtgc tcaactgctgc tgggcaacgt      60
gctgggtcaac accacgctca ccatcctgct cgacgacatc gccggctcgg gcctcgtggc      120
cgtggtagtc tccaccatcg gtatcgatcat ctteggagag atcgtgcccc aggccatctg      180
ctcccggcat ggccctggctg tggggggccaa caccatcttc ctcaccaagt ttttcatgat      240
gatgaccttc cccgcttctt acccggtcag caagctgctg gactgcgtcc tgggccagga      300
gataggcacc gtctataacc gggaaaaact gctggagatg ctccgggtca ccgatcccta      360
caacgacctc gttaaggagg agctgaacat catccaaggg gcgctggagc tccgcaccaa      420
gacggtggag gacgtgatga cccactccg ggactgcttc atgatcaccg gcgaagccat      480
cctggacttc aacaccatgt ctgagatcat ggagagcggc tacaccgcga ttccagtgtt      540
tgaaggggag cgctccaata tcgtggacct gctgtttgtc aaagacttgg ccttcgtgga      600
tcccgatgac tgtaccgcgc tgaaaacat caccaaattc tataaccacc cntagcact      660
gtgctgtcaa tga                                     673

```

<210> 1806

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (42)...(555)

<223> similar to gi940860 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters.

```

<400> 1806
ctccgcgctg caggaattcg gcacgagtgg cagacacatt ctacaccaat gctggctgca      60
ccctggtagc cttgaacccc ttcaagcctg ttctcagct ctactcgccc gagctaata      120
gagagtacca tgctgcgcct cagccccaga aactgaagcc ccacgtgttc actgtgggtg      180
aacagacctc caggaatgtc aagagcctga ttgaaccagt caaccagtct attgttgtca      240
gtggagagag tgggtgctgga aagacatgga cgtctcgtg cctaataaag ttctatgctg      300
tggtggccac ctcacctgca tcttgggaga gccacaagat tgcagagagg atagaacaga      360
ggatcctgaa ctccaacct gtcattggaag cttttgggaa tgcgtgtaca ctgaggaata      420
acaacagcag tcgcttttggg aagttcatcc agctccagct gaacagggct cagcaaata      480
ctggagccgc agtccagacc tacctcctag agaaaactcg agtggcctgc caggcttcca      540
gtgagaggaa caaggacct atcccacctg agctgaccag gtcctgcag caatcccagg      600

```

<210> 1807

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(365)

<223> similar to gi498725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1807

```
aaatcgcaac ttatgtgcca acaaatgtat atgggcgaaa aaccctttgg atgcagctgt 60
tgtgagaaag ccttcagcaa caagtcatac cttctagtgc atcagcaaac tcatgccgaa 120
gagaaaccct atggttgtaa tgaatgtggg aaagacttca gtagtaaatc atacctcatt 180
gtacatcaga gaattcatac aggagagaaa ctacatgaat gcagtgaatg caggaaaaca 240
ttcagtttcc attcacagct tggatatacat cagagaattc acacaggtga gaatccctat 300
gagtgtctgtg aatgtgggaa agtcttcagt aagaaagacc agcttggttc acaccagaaa 360
actt 364
```

<210> 1808

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(579)

<223> similar to gi3413886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1808

```
ggcacgagga tgagaaagac aagggggccc tagacaacct gctctcccag cttattgctg 60
agttgggtat ggataaaaag gatgtctcca agaagaatga gcgcagcgcc ctgaatgaag 120
tccatctggt agtaatgaga ctctgagtg tcttcattgc cgcacacaaa tctggatcca 180
agtcttccat atgtgagtca tcttccctca tctccagtgc cacagcagca gctctactga 240
gctctggggc tgtggactac tgctgcacg tgctcaaate actgctggaa tattggaaga 300
gccaacagaa tgacgaggag cctgtggcta ccagccagtt gctgaaacca catactacct 360
cctccccacc tgacatgagc ccattctttc tccgccagta tgtgaagggt catgctgctg 420
atgtgtctga ggcctatact cagcttctaa cagaaatggg actgaggctt ccttaccaaa 480
tcaaaaagat tactgacacc aattctcgaa tcccacctcc tgtctttgac caatcaaagt 540
tttactttct ctccgagtac ctcatgatcc agcacgaaa 579
```

<210> 1809

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (677)...(1329)

<223> similar to gi3327154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1809

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|------|
| tgatagacat | gttgagaccc | tttgtattca | ttttcttggga | cccagcactg | gcagtacagc | 60 |
| aaagacgggg | ggccgtaact | ggctgaagac | tggcaactgc | ctctatggaa | acacatgtag | 120 |
| attcgtacat | ggcccttcac | ctcgtggtaa | agggttatagc | agcaattata | gaaggtcacc | 180 |
| agaaagacct | acaggggatc | ttagagaaaag | aattaagaac | aagcgccaag | acgtggacac | 240 |
| tgagccccag | aaacgaaata | cagaggagtc | atcctcacct | gttaggaaaag | aatcttcaag | 300 |
| agggagacat | agggaaaagg | aagacataaa | aatcactaag | gaaagaactc | cagaaaagtga | 360 |
| agaagaaaat | gtagaatggg | aaactaataag | agatgattct | gacaatggag | atattaatta | 420 |
| tgattatggt | catgaattgt | cattggaaaat | gaagcgtcag | aagatacaga | gggaattaat | 480 |
| gaagctggaa | caagaaaaca | tggagaagag | agaagaaatt | atcattaata | aggaggtttc | 540 |
| accagaagtg | gttagatcaa | aattgtcccc | gtcaccttct | ctaagaaagt | ctagcaaata | 600 |
| tccgaagcga | aatcaagcc | cgaagtcgtc | ttcagctagc | aagaaagata | ggaagacatc | 660 |
| tgcagtatct | tctccccgtg | tggaccagca | gagaaattca | aaaaccaacc | aaagtaaaaa | 720 |
| gaaaggacca | cgtactccta | gtccaccccc | tcctatacca | gaagatatcg | ctctggggaa | 780 |
| aaaatacaaa | gaaaaatata | aagtaaaaga | caggatagaa | gaaaaaacia | gagatggaaa | 840 |
| ggacagagga | cgagattttg | aacgacaaaag | agaaaagaga | gacaagccaa | ggtctacttc | 900 |
| cccagcagga | cagcatcatt | ctcctatatc | ttctagacat | cactcatctt | cctcacaata | 960 |
| aggatcatct | attcaaagac | attctccttc | tcctcgtcga | aaaagaactc | cttcaccatc | 1020 |
| ttatcagcgg | acactaactc | cacctttacg | acgctctgcc | tctccttata | cttcacattc | 1080 |
| tttgtcgtct | ccccagagaa | agcagagtcc | tccaagacat | cgctctccaa | tgcgagagaa | 1140 |
| agggagacat | gatcatgaac | gaacttcaca | gtctcatgat | cgacgccacg | aaaggaggga | 1200 |
| agatactagg | ggcaaacgag | acagagaaaa | ggactcaaga | gaagaacgag | aatatgaaca | 1260 |
| ggatcagagc | tcttctagag | accacagaga | tgacagagaa | cctcgagatg | gtcgggatcg | 1320 |
| gagagaa | | | | | | 1327 |

<210> 1810

<211> 1632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (404)...(1379)

<223> similar to gi3417386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1810

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| acagaaaacc | ctgaaaaacc | tatgacatga | tcaccagttt | cactggactg | actattagga | 60 |
| atttgggcct | ggaagacaac | aattcagttc | gagattctgg | tacacaagcg | tgtgagcgtc | 120 |
| ccccaaaggct | agtgtgggca | tggccctga | ggtgagcacg | gactcattcc | ctgtggtgag | 180 |
| cgtggacgtg | tcgcctgtgg | tgagcacata | tgattctgag | atgagcatgg | acgcaccccc | 240 |
| cgagttgagc | atagaagcac | tcccgaagg | ggacctggaa | acagttccca | aggtgagcat | 300 |
| agttagcatcc | ccggaggcga | gcctggaagc | acccccggaa | gtgagtctgg | aagcactgcc | 360 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| agaggtgagc | gtggaagcag | ccccagaggg | gagcctggaa | gcacctccca | aggggagcgc | 420 |
| agaagtagcc | ccaagaggaga | gtgtgaaagg | gtcacccaag | gagagcatgg | aggcatctcc | 480 |
| tgaggcgatg | gtgaaagcat | ccccaaagac | atcccttgaa | gcaagcatgg | aagcatctcc | 540 |
| caaggcaaaa | gcgagagacg | ctccaaagaa | atcagaaatg | gacaaacagg | ccttaatccc | 600 |
| tattgccaag | aagcgtctat | catcatacac | tgagtgttat | aaatgggtcat | catctcctgc | 660 |
| aaatgcttgt | ggctgcccgt | ctcccatcag | cactaacagg | caaatccaaa | agaactgccc | 720 |
| tccatcacca | ttaccactta | tttcaaaaca | gtcaccacag | acttcttttc | cttataaaaat | 780 |
| aatgcctatt | caacacaccc | tgtctgtgca | aagtgcacat | agtactgtca | aaaagaaaaa | 840 |
| agaaacagtt | tctaaaacca | ctaacagatg | tgaggctttg | agccaaaggc | atatgatcta | 900 |
| tgaagagtct | ggtaataaga | gtactgcagg | tattatgaat | gccgaggcgg | caacaaaaat | 960 |
| tttgacagaa | ttgcgcgcgc | ttgctcgtga | acaaagagat | aaagaggaag | aagaaagaca | 1020 |
| acgggaagaa | atgcagcaaa | gggtcattaa | gaaatcaaaa | gacatggcaa | aggaagcagt | 1080 |
| tggaggccaa | gcagaagacc | acttgaaact | caaagatggg | cagcaacaaa | atgagactaa | 1140 |
| aaagaagaaa | ggatggctgg | atcaggaaga | ccaggaagca | ccactgcaga | aaggggacgc | 1200 |
| caaaaataaaa | gctcaagagg | aagctgacaa | acgcaagaaa | gaacacgaga | gaattatgtt | 1260 |
| acaaaattta | caagaacggt | tagaaaggaa | aaagagaata | gaagaaatta | tgaagcggac | 1320 |
| aagaaagaca | gatgtgaatg | cctcaaaggt | cacagaaaca | tccagccatg | acatatatga | 1380 |
| agaggctgag | gctgacaacg | aagaaagcga | caaggactca | ttgaatgaaa | tgtttccatc | 1440 |
| agccattcta | aatggcacag | gtcacctac | caaattttaa | atgccgttca | acaatgccaa | 1500 |
| gaaaatgaca | cacaagctgg | tatttctaga | agatgggtacc | agccaggtcc | gtaaagagcc | 1560 |
| aaaaacatat | tttaatggcg | atttgaaaaa | cttcagacaa | aaaagcatga | aagacacttc | 1620 |
| aatacaggaa | gt | | | | | 1632 |

<210> 1811

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(472)

<223> similar to gi798832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1811

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ccgtcacatc | ccccgccagc | ttgtagatgc | ctggattgag | atgggcagcc | ggctggatgc | 60 |
| tcgtcagctc | attcctgccc | tggatgaacta | cagccagggt | ggtgaggtcc | agcaggtgag | 120 |
| ccaggccatc | cgctacatgg | agttctgcgt | gaacgtgctg | ggggagactg | agcaggccat | 180 |
| ccacaactac | ctgctgtcac | tgtatgcccg | tggccggccg | gactcactac | tggcctatct | 240 |
| ggagcaggct | ggggccagcc | cccaccgggt | gcattacgac | ctcaagtatg | cgctgcggct | 300 |
| ctgcgccgag | catggccacc | accgcgcttg | tgtccatgtc | tacaagggtcc | tagagctgta | 360 |
| tgaggaggcc | gtggacctgg | ccctgcaggt | ggatgtggac | ctggccaagc | agtgtgcaga | 420 |
| cctgcctgag | gaggatgagg | aattgcgcaa | gaagctgtgg | ctgaagatcg | | 470 |

<210> 1812

<211> 420

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (82)...(211)

<223> similar to gi5163412 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1812

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctcagggatt | gaggatggta | ttcccagggc | tttagggctt | aggcctattg | gggaaggaaa | 60 |
| acaccatggc | tcaccatcag | ctctttctgg | cctacaccag | gatctcccta | ctacgataat | 120 |
| gtccgtccac | tctgctacag | cgactcggat | gcagtattac | tatgttttga | catcagccgt | 180 |
| ccagagacag | gggacagcgc | actcaagaag | gtaagactag | atcaactctc | taatctctaa | 240 |
| ctcagcatga | ggaccaagaa | ggaatcggga | ccttggtcatg | aatgccctct | tgtataacat | 300 |
| caagaaatgg | aagccagggg | aggaagagat | ttgcccaagg | ccacaccatt | agctacagct | 360 |
| ctgggactgg | aacttggtgc | tccttaccce | actgcctccc | gccctttttg | ttatcccatg | 420 |

<210> 1813

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(133)

<223> similar to gi805095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1813

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tatacactac | gtagccatta | tgatggagca | cgggcattaa | cttttcatcc | tgaagaacct | 60 |
| gggctgggta | ctgcttctga | ggaccatacc | ctgaaacttt | ggaacctgca | aaaaacaggt | 120 |
| cctgccaaaa | agcaagtatt | ttagtgttag | cctggtgtat | ttcttccaat | tttgctaata | 180 |
| taagcaatta | ttcttcatta | ttgatgcatg | tctttaatgc | acacatttga | tctagtgact | 240 |
| atttaatatc | aaccagcgat | tcatagttaa | ttaaatgcct | tctcttcccc | tacccttttt | 300 |
| ccccctcttt | taagagtgcc | tcttttagatg | tagagcctat | ctacacattt | agggccccaca | 360 |
| tgtaagtttt | actgagttgg | ggtttaatta | acatcatcat | tattgttaaa | tatt | 414 |

<210> 1814

<211> 591

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(516)
 <223> similar to gi3724105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1814
 agactgccgc agcgactcat cctatcgata aggttcagtt agccaagggtg gaggatggga 60
 aaagaatgga actgtcccag ctactcaatg agatcagggc aaactatgaa aagatcctca 120
 ccagaaatca gatagagacg gtgctctcaa caaggatcca gctagaagaa gacataagca 180
 aaaaaatgga caaagatgaa gaggcctttga aggcagctca agcagaactc aaggaggccc 240
 gacgccagtgc gcaccacctg caagtggaaa ttgaatctct ccatgctgtg gaaagggggc 300
 ttgaaaactc cctacatgcc agcgagcagc attaccagat gcagctgcaa gacctagaga 360
 ctgtgattga aggactagaa aaagagctac aggaagtaag gcgcggcatc gaaaagcagc 420
 ttcaagagca cgagatgctt ctcaacacga agatgaggct ggaacaagaa atagcaactt 480
 atcgccacct cctagaaaaa gaagaaatca gatattatgg ttgtatccaa ggtgggaaaa 540
 aaagacaaaa agcctaccac aagtagagtt ggttttgttt taccatcacc c 591

<210> 1815
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(404)
 <223> similar to gi6018323 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1815
 ggcgctacca tgggccaaca tttgccaagg ctgctcagga ttactgtggc atggcttggt 60
 cggactaac tcagagattc aagaatggcc tcttttcac acatgcagat gagcatcgac 120
 tcaaatatca gtgtttttaa tgggcttgga tgtaccaagt cttacatgaa ggattccact 180
 ttccctatga ctacccaaac ctgcggacag cccagctggg gtatgaccga gaggttcagt 240
 ggacgctggg agccattcta tataaaacac gattcttacc actcagggat cttcggcagg 300
 aaggtgtccg acaagcccat ggtagctggg tccgtctctc ctttgatata aaccactatc 360
 tcttctttgc ctgtatcctg gaggggctac tggccatctt c 401

<210> 1816
 <211> 1386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1267)...(790)
 <223> similar to gi3043568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1816
 tttttttttt ttcagagttc taataatatt ttatttttatt cctatgaatg taaatcataa 60
 attttgatgt tttaaaaatc ctaaatgggt taaaggactt accgagactt gattaaccca 120
 gtttttataa taaaaaatca aattataaat ttattttata aaaataactg ccagttttgc 180
 atagtaatat agtaacaaat caacactctt caaagtttaa aggaaaaggg aagctgggat 240
 tggtttctgt ctgaagtcag atctaacttt tacgaagaca atagtttcag atcagaatca 300
 aataaatttc agaactcagt ttgagagaaa aggaaaaact ttagttaaaa tctttacaat 360
 aaaataatta tgactataaa tctcttttagt taaatatgta cacattacat ggtatttgta 420
 taaagaatgg aaatggataa agtttttcag gcaaactctaa tgcacaaata caccatcttt 480
 tagagtataa tgtcagttta tcattcggtt acagctgtgt tagacagtgg ctctgctttg 540
 tgcaaacgt gataaacaaa attaggaaaa attctgcaaa attatttagt tccccaagga 600
 aattactaaa atagaaaatg gcaaaagaaa aaaagggttg acactgaagc ttgattgtat 660
 actcaggcta caatgaccag cactgatgta acccccatat ctgctaagtc cttgggttagc 720
 tttagtctga agtaaaaact gaagtcctag caattgtgct ttttatgcag ccacatggcc 780
 aataaggtag atattgtcat aaagatgccc tacaaaatct tctaataat tttgagcagc 840
 gcgacgggta tttcgaataa attccctttt tgacatttta ttcttcacat gagggttagt 900
 gaggtcaatg gaaagtagaa tcaaagagta gcacagtaca tagacagcat caggactaag 960
 gccaaagtct cgcattaaat cagggttgca agcacagaat ctatgtgaga actttgttat 1020
 aagagtttca agatactctc cacgctcttc aggggcatgg atatgacgaa aaaattctct 1080
 cagtgcattt ggcaagaact gatttctaaa attatgcaat gttacaaggc catccaagac 1140
 atctctcctt tcatcaagat agattctcag ttttttccaa tttagtgttc ttgtacagaa 1200
 gataaacttt gctatttcct ttggcgaatc atccaggata cccttggaac taaagtagtt 1260
 cactcccaca aactgtgcag atgttctccc ccaccccatg agccactgcc agcagctgct 1320
 gtggagcttg gttaccataa tccgtgacat gaacgctctg tgccaagctt ggcgtaagga 1380
 ggttct 1386

<210> 1817
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(621)
 <223> similar to gi4650844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1817
 tccgaactc tccgatgaac accacgccaa gcttggcagc aggggtgaaga ctttgtaagt 60
 gtatcacgc agcacctcca taagcttttg tctccagtg atctaaatat tgaaaatgaa 120
 aagcagggct ataatgctgc catcaagtgg cttcttgcca atctcagca tcattccaaa 180

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tggttggatg | aaacacttgc | acaggttcgc | ctgccattgt | tgccggttga | ttttcttatg | 240 |
| ggtgttgggg | caaaagaaca | gattgtcaag | caaaatctaa | aatgtagaga | tttactggat | 300 |
| gaagcaagaa | attaccacct | tcacttgagt | agcagagcag | tacctgactt | tgaatactcc | 360 |
| attcggacta | ccccaaggaa | gcatactgct | ggtgtgctgt | tttgtgtaag | tggtcgaggt | 420 |
| ggatctggtg | acccctttcg | cagtattgaa | tgctattcta | tcaacaaaaa | cagttggttc | 480 |
| tttggaccag | aatgaatag | tcgaaggcga | catgtgggtg | taatctctgt | ggaaggtaaa | 540 |
| gtgtatgcag | taggtggaca | tgatggaaat | gaacatttag | ggagtatgga | gatgtttgat | 600 |
| cctctcacta | ataaatggat | gatgaaggca | tcaatgaaca | caaagaggta | gag | 653 |

<210> 1818
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(482)
 <223> similar to gi3717258 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|-------------|------------|
| <400> 1818 | |
| ggaaagtcta | aatgctgtaa |
| actcagagac | ctgcagggag |
| cgtgcggaat | ggctggaagc |
| tgaaaaaatc | atggcattta |
| gaatgattta | tccagtcagc |
| ccagctagat | gaccttaata |
| taaacagctt | caggaagccc |
| gtcagtcag | ctgccgtggc |
| gtaagttgat | tttaattctc |
| agaggcttct | ccccccataa |
| tgtgatatag | ttaatatata |
| atcagattag | ggatataggt |
| tggagacaga | caataagcta |
| atccagctctc | taaaaagtaa |
| | a |
| | 60 |
| | 120 |
| | 180 |
| | 240 |
| | 300 |
| | 360 |
| | 420 |
| | 480 |
| | 540 |
| | 600 |
| | 660 |
| | 720 |
| | 780 |
| | 801 |

<210> 1819
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (259)...(841)
 <223> similar to gi5922723 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1819
cagcacacag aattaaata cagacattta atagatatga tttgcagatt ccagaattgt      60
gttttaatat catgcttttc acagtaagtc atattaacac ctcccttctta atattacaca      120
gttgtagacac ctagtctctt ggctaattgc tgggttctga aattttcaat agataaattt      180
tatatatattg tacctatgag tgtattatat tgcctattct gttattctga atcactaaac      240
taatgtatat gggatattca gcaataactta aacagaagac gacaaaatga aataatggcc      300
aaaatccaag cagctattat acagattcct aaacctgcat caaatcgtac tttgaaagca      360
ctcgaggccc aaaaaatgat gaaaaagaaa aaagaggcag aagatgtggc tgatgaaatt      420
aagaagtctg aagcattaat aaaaaaggat ctccaagcaa aagaaagtgc atccaagact      480
tctttagata cagcaggcca gacaaccacc gatttgtaa atacttactc agatgatgag      540
tacattaaaa aaatccagaa gcgccttgaa gaagatgctt ttgcacgaga gcaaaggag      600
aaaagacggc ggaaattgtt aatggaccag ttaatagccc acgaagcaca agaggaggct      660
tatcgggagg aacagctgat taaccggctg atgcggcagt cccagcagga gcgcaggatt      720
gccgtgcagc tcatgcatgt tcggcatgaa aaggaagttt tatggcaaaa cagcattttc      780
agagaaaatc aacatgagga aagacgaaat aaagatttcc aggatgctct tgatcgagaa      840

```

<210> 1820

<211> 537

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (315)...(540)

<223> similar to gi2749752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1820
aaaagcggcg cggctcgctt aagatggcgg agctcgacca gttgcctgac gagagctctt      60
cagcaaaaagc ccttgctcagt ttaaaagaag gaagcttatc taacacgtgg aatgaaaagt      120
acagttcttt acagaaaaca cctgtttgga aaggcaggaa tacaagctct gctgtggaaa      180
tgcctttcag aaattcaaaa cgaagtcgac ttttttctga tgaagatgat aggcaaataa      240
atacaaggtc acctaaaaga aaccagaggg ttgcaatggt tccacagaaa tttacagcaa      300
caatgtcaac accagataag aaagcttcac agaagattgg ttttcgatta cgtaatctgc      360
tcaagcttcc taaagcacat aaatggtgta tatacgagtg gttctattca aatatagata      420
aaccactttt tgaaggtgat aatgactttt gtgtatgtct aaaggaatct tttcctaatt      480
tgaaaacaag aaagttaaca agagtgaat ggggaaaaat tcggcggcct atgggaa      537

```

<210> 1821

<211> 436

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (219)...(430)
 <223> similar to gi163078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1821

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| aaagcttagc | atgtagtttg | gcgttaaatt | taagatgttt | taaaaactgt | ttttttctca | 60 |
| tacnggaggt | tctatatatt | taatgatgtg | gaaaaactaa | gttaagttgt | ctttccagag | 120 |
| tcaaaaggaa | ttaaggtcat | tataatccag | taagagttag | ttttcagcag | gcacaaggat | 180 |
| gaaggtgtaa | gtactacgag | ggagggactt | ggatgcacaa | ggagggagaa | ggagggaggg | 240 |
| aagaggaggg | agaagggggg | aggaaagagg | agggagaagg | agggagggaa | gaggaggagg | 300 |
| aaggaggagg | ggaagaggag | ggagaaggag | ggaggggaaga | ggagggagaa | ggaggggaaga | 360 |
| ggagggagaa | ggagggaggc | aagaggaggg | agaaggaggg | agaaggaggg | aggggaaggg | 420 |
| agggagaagg | aggggag | | | | | 436 |

<210> 1822
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> similar to gi473969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1822

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tctctctttg | ccagtaatgt | tggaagtgga | catttcattg | gcctggcagg | gtcaggtgct | 60 |
| gctacgggca | tttctgtatc | agcttatgaa | cttaatggct | tgttttctgt | gctgatgttg | 120 |
| gcctgggtct | tcctacccat | ctacattgct | ggtcagggtca | ccacgatgcc | agaataccta | 180 |
| cggaagcgct | tcggtggcat | cagaatcccc | atcatcctgg | ctgtactcta | cctattttatc | 240 |
| tacatcttca | ccaagatctc | ggtagacatg | tatgcgggtg | ccatcttcat | ccagcagtct | 300 |
| ttgcacctgg | atctgtacct | ggccatagtt | gggctactgg | ccatcactgc | tgtatacacg | 360 |
| gttgctgggtg | gcctggctgc | tgtgatctac | acggatgccc | tgacagcgct | gatcatgctt | 420 |
| ataggagcgc | tcaccttgat | gggctacagt | ttcgccgcgg | ttggtgggat | ggaaggactg | 480 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaggagaagt | acttcttggc | cctggctagc | aaccggagtg | agaacagcag | ctgcgggctg | 540 |
| ccccgggaag | atgcctttca | tatttttcga | gatccgctga | catctgatct | cccgtggccg | 600 |
| ggggtcctat | ttggaatgtc | catcccatcc | ctctggtact | ggngcacgga | tcagggtgaa | 659 |

<210> 1823
 <211> 2024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2025)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (20)...(793)
 <223> similar to gi4589640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| <400> 1823 | | | | | | |
| cgacccacgc | gtccgctttg | ttcctcgaac | ttggatcttt | cctgctgaat | atactcaatt | 60 |
| ccaaaattat | gtgaaagaat | tgaagaaaaa | acggaagcag | aaaactttta | tagtgaaacc | 120 |
| agctaattgt | gcaatgggtc | atgggatttc | tttgataaga | aatgggtgaca | aacttccatc | 180 |
| tcaggatcat | ttgattgttc | aagaatacat | tgaaaagcct | ttcctaattg | aaggttacaa | 240 |
| gtttgactta | cgaattttata | ttctggttac | atcgtgtgat | ccactaaaaa | tattttctcta | 300 |
| ccatgatggg | cttgtgcgaa | tgggtacaga | gaagtacatt | ccacctaattg | agtccaattt | 360 |
| gacccagtta | tacatgcac | tgacaaaacta | ctccgtgaac | aagcataatg | agcattttga | 420 |
| acgggatgaa | actgagaaca | aaggcagcaa | acgttccatc | aaatgggtta | cagaattcct | 480 |
| tcaagcaaat | caacatgatg | ttgctaagtt | ttggagtgat | atttcagaat | tggtgggtaaa | 540 |
| gaccctgatt | gtagcagaac | ctcatgtcct | gcatgcctat | cgaatgtgta | gacctgggtca | 600 |
| acctccagga | agcgaaagtg | tctgctttga | agtcctggga | tttgatattt | tggtgggatag | 660 |
| aaaactaaag | ccatggcttc | tggagattaa | ccgagcccca | agctttggaa | ctgatcagaa | 720 |
| aatagactat | gatgtaaaaa | ggggagtgtc | gctaaatgcg | ttgaagctac | taaacataag | 780 |
| gaccagtgc | aaaagaagaa | acttggccaa | acaaaaagct | gagggtcaaa | ggagggtcta | 840 |
| tggtcaaaat | tcaattaaaa | ggctcttacc | aggctcccca | gactgggaac | agcagagaca | 900 |
| ccagttggag | aggcggaaa | aagagttgaa | agagagactc | gctcaagtac | gaaagcagat | 960 |
| ctcacgagaa | gaacatgaaa | atccgacata | tggggaatta | tagaccgaat | ttatcctcct | 1020 |
| gaagataaag | cattacttga | aaagtatgaa | aatttgttag | ctgttgccct | tcagaccttc | 1080 |
| ctttcaggaa | gagcagcttc | attccagcga | gagttgaata | atcctttgaa | aaggatgaag | 1140 |
| gaagaagata | ttttggatct | tctggagcaa | tgtgaaattg | atgatgaaaa | gttgatggga | 1200 |
| aaaactacca | agactcgagg | accaaagcct | ctgtgttcta | tgcttgagag | tactgagata | 1260 |
| atgaaaagac | caaagtactg | cagcagtgac | agcagttatg | atagtagcag | cagctcttca | 1320 |
| gaatctgacg | aaaatgaaaa | agaagagtac | caaaaataaga | aaagagaaaa | gcaagttaca | 1380 |
| tataatctta | aacctccaa | ccactacaaa | ttaattcaac | aacctcagctc | cataagacgt | 1440 |
| tcagtcagct | gccctcggtc | catctctgct | caatcacctt | ccagtgggga | cacctgcccc | 1500 |
| ttttctgctc | aacaaatgat | atctgtgtca | cggccaactt | ctgcatctcg | gtcacattcc | 1560 |
| ttaaaccgtg | cttctccta | catgaggcat | ctgcttcaca | gtaatgatgc | ctgctctacc | 1620 |
| aactctcaag | tgagtgagtc | tttgcgga | ctgaaaacaa | aagaacaaga | agatgatcta | 1680 |
| acaagtcaga | ccttatttgt | tctcaaagac | atgaagatcc | ggtttccagg | aaagtcagat | 1740 |

```
gcagaatcag aacttctgat agaagatatac attgataact ggaagtatca taaaacacaaa 1800
gtggcttcat attggctcat aaaattggac tctgtaaaac aaccgaaaag ttttggacat 1860
agtgaaaaca agtattcgta cagttcttcc acgcatctgg aagggtgcctg atgttgaaga 1920
agtaaattta tatcggttt tcaaccgggt ttttaatcgc ttactctgga gtcgtggcca 1980
aggntgttgg aactgtttct gtgattcagg attcctcttg ggag 2024
```

```
<210> 1824
<211> 395
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(207)
<223> similar to gi4107015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1824
atccggggccc ggaactacca gcttggccag ggcattgttg atggggacat cccgccccgg 60
gtgaagaagg acgctcacga gctcactctg gactttatcc gctcacggcc tccactgaag 120
caggtctctg agaggcggct gcgcccgttg ccaccaaagc aaaggtcctt gcatgagaag 180
atcctggagg agatcaagca ggagcggagg ctgcgcccgg tgcggggcga gggctgggct 240
gcccgcgggt ttggctctct gccctgcata ctcaacgcct gctccggaga tgccaagtcc 300
acctcctgca tcaacctgtc agtcacagat gctgggggca gcgcccagcg cccgcggccc 360
cgcgtgctgc tcaaggcgcc taccttgggt gaaat 395
```

```
<210> 1825
<211> 826
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(827)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (38)...(735)
<223> similar to gi577299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1825
```


| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| cggacgcgtg | ggacaagctt | catcaaacc | agaagtcac | aagataaatt | caattctgga | 60 |
| tatagtaaca | aaagtggaaa | actattatct | taaaggatat | attgtcgggg | ctattcatcc | 120 |
| tgttatacaa | cctgtggggc | agcgaaaaca | cctacctgca | agttacctat | acagagtggg | 180 |
| gctattgcgc | ttgaaattaa | gcccagaag | ttcggcagca | cccagtggac | aaagacgccc | 240 |
| aaggctcgtg | attgaggaat | gtcccctaac | ttctgaggca | caaacaaatg | acgcagcaaa | 300 |
| agaactgata | gaaaagatta | atgtcgctgc | taaaagagga | atgaaatttg | ttggattcat | 360 |
| atcacagcat | tattctccat | ctaaattctg | caatggaacc | aaccatgatg | gagatataga | 420 |
| atcgatgcta | catgtgagac | acggttcaga | tgaaaactgt | agaagttgga | atgaaggggac | 480 |
| gttaagtggg | cagtcacctg | aaagcggaat | tgaggaagaa | cttcacatg | aaagtggaca | 540 |
| gtatcaaatg | gaacaaaatg | gcagccctac | ttcctctaaa | tcaagaaagg | gagaagcctc | 600 |
| agataacaaa | ttgtatacag | tcttcaatgc | ttttgatgat | gattcaacct | cctgggccta | 660 |
| tcaggaaggc | atcctgtcaa | tgaaagtaac | aagaaaagga | tcagtcatta | gtacacttga | 720 |
| tgctgattgg | ctgggagtta | actacctttt | attattaaac | aaggcttgtc | tttaatttga | 780 |
| ttcttttgta | ttctggggaa | acatcttaaa | gggggaaccn | tttgcc | | 826 |

<210> 1826

<211> 1114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(1043)

<223> similar to gi2246532 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1826

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|------|
| ctggaacatg | cagcagcttt | gcggggcccta | caagatcagg | tatccatcca | gagtgcagat | 60 |
| gcacaggaac | aaggggaagg | gcttttggt | gaaaacaatg | ccttgaggac | tagcctggct | 120 |
| gccctggagc | agatccaaac | agcaaagacc | caagaactga | atatgctccg | ggaacagacc | 180 |
| actgggctgg | cagctgagtt | gcagcagcag | caggctgagt | acgaggacct | tatgggacag | 240 |
| aaagatgacc | tcaactccca | gctccaggag | tcattacggg | ccaatagtcg | attgctggaa | 300 |
| caacttcaag | aaatagggca | ggagaaggag | cagttgacct | aggaattaca | ggaggctcgg | 360 |
| aagagtgcgg | agaagcggaa | ggccatgctg | gatgagctag | caatggaaac | gctgcaagag | 420 |
| aagtcccagc | acaaggaaga | gctgggagca | gttcgtctac | ggcatgagaa | ggagggtgctg | 480 |
| ggggtgcgtg | cccgtatga | gcgtgagctc | cgagagctgc | atgaagacaa | gaagcgtcag | 540 |
| gaggaggagc | tccgtgggca | gatccgggag | gagaaggccc | ggacacggga | gctggagact | 600 |
| ctccagcaga | cagtgggaaga | acttcaagct | caggtacatt | ccatggatgg | agccaagggc | 660 |
| tggtttgaac | ggcgcttgaa | ggaagccgag | gaatccctgc | agcagcagca | gcaggaacaa | 720 |
| gaggaagccc | tcaagcagtg | tcgggagcag | cacgctgccg | agctgaaggg | caaggaggag | 780 |
| gagctacagg | atgtacggga | tcagctcgag | caggcccagg | aggagcggga | ctgccacctg | 840 |
| aagaccatta | gcagcctgaa | gcaggagggtg | aaggacacag | tggatgggca | gaggatcctg | 900 |
| gagaagaagg | gcagtgcctgc | gctcaaggac | ctcaagcggc | agctgcattt | ggagcggaaa | 960 |
| cgggcagata | agctgcagga | gcgactgcag | gacatcctca | ctaacagcaa | gagccgctca | 1020 |
| ggccttgagg | agctggttct | ctcagagatg | aactcaccaa | gccggaccca | gacaggggac | 1080 |
| agcagtagca | tctcctcctt | cagctaccgg | gaga | | | 1114 |

<210> 1827
 <211> 372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(373)
 <223> similar to gi3540177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1827
 cttagagtac atcagacaat tcatgctgga gagagaccct atgaatgcaa agaattgtggg 60
 aaggccttta gacttcatta tcaactaact gaacatcaaa gaattcatac tggtagagagg 120
 ccttatgaat gtaagggttg tggcaagacc tttagggtac aacgacatat tagtcaacat 180
 cagaaaattc atactgggtg caaaccttat aaatgtaatg aatgtgggaa ggcctttagt 240
 catggctcat accttggtca acatcagaaa attcatactg gtgaaaaacc ctacgaatgt 300
 aaagaatgtg gtaagtcctt tagttttcat gcagaacttg ctcgacatcg tagaattcat 360
 actggtgaga aa 372

<210> 1828
 <211> 974
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (122)...(778)
 <223> similar to gi2280485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1828
 ctggagcgga cccgccggac gctaccgcct ttccagccgg agccagcgcg agctcggcac 60
 gggggacacc cgggtccgagg ccggcaagcc ggctggtgcc cgagtcggcc aagcatgggc 120
 aaccactcag gacggcccga ggatccggaa ccagggtgga aaggattatt catacctgaa 180
 ggagatatgt gatcaccaag ccgaacagct gagcagaacc agcctaaagc tgcaagaaaa 240
 agcatcagag agtgatgcag agatcaaaga catgaaagaa accatatttg aattggaaga 300
 tcagggtgga cagcaccggg ctgtcaagtt acacaataat caactcatca gtgagctaga 360
 aagtagtgtg atcaagctgg aggaacagaa gtcagacctg gagaggcagc tgaagactct 420
 gaccaagcag atgaaggagg agaccgagga atggaggcgg ttccaggcgg atctgcagac 480
 cgcagtgggtg gtggccaatg acatcaagtg tgaggcccag caggagctgc gcaccgtgaa 540
 gaggaaactg ctggaggagg aggagaagaa tgcccgggtg cagaaggagc tgggggatgt 600
 gcagggccac ggcaggggtg tcaccagcag agccgcccct ccacctgtgg atgaagagcc 660
 agagtcctct gaggtcgatg ctgctggtcg gtggcctggt gtctgtgtta gcagaacatc 720
 tccaacaccc ccagagtcgg caaccaccgt taagtcaatt atcaagtcatt ttgacttggg 780
 acgcccaggt atttaatcat tttttctata agcaaagctc caaattcaaa ctttggcccg 840

```

acatttgata tgtctactat ctctactcca ccctggccct gtgttggttac aaccacaagg      900
gcgctttcca ggctctacca cgtgcagcca ctgcatgcag gagcctggct gaggctccag      960
ggaggcactg atgg                                                     974

```

```

<210> 1829
<211> 1033
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (846)...(1027)
<223> similar to gi2407788 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1829
cccacgcgtc cggatgtgtg ctcacacttg ggggacctga ttggggcttc agaccttggg      60
ggcctgtccg caggggtctcc tccatccttc ttgatttgcc tgtcattgag gctgcccgcg      120
ctggggcgcca ttccccagcc taacacctct tctcagtcct tccttgccagg tccctggagt      180
ccaggccttg gggcagtgaa gaaaccgtgg ggaggggcat gagatgccag tccccaaagt      240
ccttggggagc ccttgtgggc caagtcattg taggacacac cctctcctgg gcattgctga      300
ggtcacccag tgagcctagg ctcccccttc ctcccatccc cagcctgggg gaaccttcag      360
cgtctctcct ccctgtaggc cccggctcag cttcccagga acttttggtg gtgggtacta      420
gtagggtaag gcagttcttc ccatcatgag ggagaccttg ggagactttc attaccaaatt      480
ccattgctgc cccgaccttc ctgggactga tctgggtcac cctgggtctcc tgatcttgga      540
gaagtcaagt tcttatccca gacttgagag gttacaagcc tccaggtctc tggcaaagtg      600
tggagatgat ggacagccat ttgtacacac accagccagt cccttagcat atctctcttg      660
gttttgtctc aggtctgcct cagccacctc cctgacgtg tccactgtg tggatgtggg      720
gaaggggctt ctggatttta agaagaggag aggtcactca attgggggag cccctgagca      780
gcgataccag atcatccctg tgtgtgtggc tgcccgactt cctaccggg ctcaggatgt      840
gctgcagcct cctggccact ggaggggctg accgcctgat ccacctctgg aatgttgttg      900
gaagtcgcct ggaggccaac cagaccctgg agggagctgg tggcagcatc accagtgtgg      960
actttgacct ctcggtctac caggtttttag cagcaactta caaccagggt gcccgatgtt     1020
ggaaggtngg gga                                                     1033

```

```

<210> 1830
<211> 372
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (93)...(375)
 <223> similar to gill196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1830
 agcgtgtgac cttaggaatc aatggggctg tactgaatcc ccgagtaa atcttggttc 60
 gaggagaagt ttacaaatgc tctcttgagc cagtgtttca aactttctat gatgaactaa 120
 atgtgccaat aacagaattt ccaggaaaaa caagaaattt gtttttgcaa ttagccgagc 180
 atgtagccca gtctctcact gtcacttcat gttatgtatg tggaggaact gtaatagcag 240
 atcaatggcc atgggaagcc cgagaattag tacctacaga cccagttcct gatgaattcc 300
 cagctcaaaa gaatcacctt gataatttct gggtcctaaa agcctcaatc attagacaat 360
 actatatagc ag 372

<210> 1831
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(427)
 <223> similar to gi4062789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters.

<400> 1831
 aatggcaatg ctcggcgcaa tcgaatctct gctctgcgcc gtgggtgctgg atggtatgac 60
 cgggacgaaa cacaaggcga acagcgaact ggttgacag ggactgggga atattatcg 120
 tccgttcttt ggtggtatta ccgctacagc tgccatcgcg cgttctgccg ctaacgtccg 180
 tgccggggca acgtccccta tctcggcggt gatccactct attctggtta ttcttgcct 240
 gctggtactg gcaccgctgc tctcctggct gccgctttcc gccatggcag ccctgctgtt 300
 gatggtggcg tggaacatga gtgaagcgca caaagtggc gacttgctgc gtcatgcgcc 360
 gaaagatgac atcatcgtca tgctgctgtg catgtcgtg accgtgttgt ttgatatggt 420
 tattg 425

<210> 1832
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(89)

<223> similar to gil65650 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1832
gtcaaaaacg atttcctagc aactgtggcc gtgatggaaa actgtttctt tggggacaag    60
cacttcatat catcgcaaaa ctcttgggta agtggagaag attgggaatg gtattttttt    120
ccttggttatt aagctattag aaataaatat gcctttgctg gcacataata gtacttttgg    180
acaacaggat atcctatgga gtttaaaaaa aagtatttaa aatataacaa atctgtatta    240
gtccattctc atgctactaa taaagatata cccaagactg ggtaatttat aaaggaagga    300
gttttaatgg cctcacagtt ccgtcgacgc gggcgcg                                335

```

<210> 1833

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(588)

<223> similar to gi3881842 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1833
cctgacctcc tctgtggacc tgtactttgg ggcgacccat cccctccatg tgacaatggt    60
gccaatccc tcgcacctgg aggcggtcaa ccccggtggc gtgggcaaaa ctcgcggcag    120
gcagcagtct cgccaagacg gcgattactc tccagacaac tcagcccagc cgggggacag    180
ggtcatttgc ttacaggctc atgggtgatgc ttttttctgt ggtcaaggga ttgttcctga    240
aacattcacg ctgtccaatc tcccacattt caaaattggg gggagtgtgc atttgattgt    300
taataaccag ctgggttaca ccaactccagc tgaaagagga aggtcttctt tatactgcag    360
tgatattggg aagcttgtgg gctgtgccat catccatgtc aatggagaca gccagagga    420
agtggtcctg gccacacgac tggcttttga ataccaacgc cagttccgca aggatgtgat    480
tattgatctg ttgtgctaca gggcaggggg ccacaatgag ctggatgagc cattctacac    540
caaccccatc atgtacaaaa tcatcagagc tcggaagagc attccagaca ca              592

```

<210> 1834

<211> 556

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(557)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4)...(536)

<223> similar to gi3811347 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1834

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| gttcacgtct | gcagcagtaa | gatgggagct | ttgtccacgg | agcggctaca | gtactacact | 60 |
| caggaactgg | gggtccggga | gcgcagtggc | cacagcgtgt | ccctcatcga | cctctggggc | 120 |
| ctccttggtg | agtatctcct | gtaccaggag | gagaaccctg | ccaagctgtc | tgaccaacag | 180 |
| gaggcgggtc | gccaggggtca | gaacccttac | cccatttaca | ccagtgtcaa | cgcccgacc | 240 |
| aacttgagtg | gggaagattt | tgcagagtgg | tgcgagttca | cgccctatga | ggttggttc | 300 |
| cccaagtacg | gggcttatgt | tcccaccgag | ctcttcggct | cagaactctt | catgggacga | 360 |
| ttgctgcagc | tccagcctga | accccgatc | tgttacctgc | aaggatgtg | gggcagcgcc | 420 |
| tttgccacca | gcttgatga | gatcttcta | aagaccgccc | gctcgggcct | cagcttctg | 480 |
| gagtgggtaca | gaggcagtgt | gaatatcaca | gacgactgcc | agaagcctca | gctgcacaac | 540 |
| ncctcgacgc | gggaat | | | | | 556 |

<210> 1835

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(681)

<223> similar to gi5457791 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1835

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gcgagagctt | cacaaggaag | ttgaagtagc | taagaggaat | ttggcccaac | agaaaattat | 60 |
| atcagaaatg | gagtctaagt | tagtagaaca | acaacttgca | gaagaaaaca | agctttttaa | 120 |
| ggagcaagaa | aacatgaaag | agctagtagt | caaccttctc | cgcatgactc | aaatcaaaat | 180 |
| tgatgaaaag | gaacaaaagt | ccaaggattt | cctgaaagct | cagcaaaaat | acaccaacat | 240 |
| tgttaaagaa | atgaaagcaa | aggatcttga | aatcaggata | cacaagaaga | aaaaatgtga | 300 |
| aatttatcgg | agactgagag | agtttgctaa | actgtatgac | accattcgaa | atgaaagaaa | 360 |
| caaatttggt | aacttactcc | acaaagctca | tcagaaagta | aatgaaataa | aagaaaggca | 420 |
| taaaatgtca | ttaaataaac | ttgaaattct | gagaaatagt | gccgttagtc | aagaaagaaa | 480 |
| gctacaaaat | tccatgctga | aacacgcca | caatgttacc | atcagagaga | gcatgcaaaa | 540 |
| cgatgtgcgc | aaaattgtat | caaaacttca | ggaaatgaaa | gaaaagaagg | aagcccagtt | 600 |
| aaataacatt | gacagacttg | ccaacacgat | cacaatgatc | gaagaggaga | tggtgcagct | 660 |
| tcgcaaaaaga | tacgaaaaag | ctgttcagca | tcgaaatgaa | aggaggggtc | tttctcctgg | 720 |
| catgattaca | aaggatagat | ttttgcctgt | ttatggggaa | atcacaacca | gaaatattca | 780 |
| acttgagaag | aaactaatgg | gccta | | | | 805 |

<210> 1836
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(89)
 <223> similar to gil228035 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1836

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| ggagaactgg | ctcccaatga | tagatgttgc | cgtgtgtgtg | gaaaaatagg | ccactacatg | 60 |
| aaagactgcc | ctaaaaggaa | aagggttgga | aatgaatata | tatcaacatt | ttgaggaaaa | 120 |
| taaatgagag | gccaatattgt | agctataatt | atgttcagaa | atgtttaact | gagaaagttt | 180 |
| agggtatttta | attataccta | aggtaaatgt | tcatttgagt | ggaattttgt | aatagggttaa | 240 |
| gatttgcattg | tggataata | gtatcttcta | acattcattt | gttcatttat | tcattaattc | 300 |
| actcagtttt | tttttggttt | tggttttggt | tttatttttg | ttttttttga | gacggcatct | 360 |
| cgccctgtcg | cccaggctgg | agtgcaatgg | tgtgatctcg | gctcactgca | tcctccgc | 418 |

<210> 1837
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (250)...(629)
 <223> similar to gi60369 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1837

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gaattttctgg | gtcgtcccac | gcgtcccgca | aaggatgagg | gaaacgatga | gggaaaggat | 60 |
| gagggaaagg | atgagggaaa | ggatgagggg | aaggatgagg | gaaaggatga | gggaaaggat | 120 |
| gagagaaagg | atgagggaaa | ggatgagggg | aaggatgaga | gaaaggatga | gggaaaggat | 180 |
| gagggaaagg | atgagggaaa | ggatgagggg | aaggatgagg | gaaaggatga | gggaaaggat | 240 |
| gagggaaagg | atgagggaaa | cgatgagggg | aaggatgagg | gaaaggatga | gggaaaggat | 300 |
| gagggaaagg | atgagggaaa | ggatgagggg | aaggatgagg | gaaacgatga | gggaaacgat | 360 |
| gagggaaacg | atgagggaaa | ggatgagggg | aaggatgaga | gaaacgatga | gggaaaggat | 420 |
| gagggaaagg | atgagggaaa | ggatgagggg | aaggatgaga | gaaacgatga | gggaaaggat | 480 |
| gagagaaagg | atgagggaaa | ggatgagggg | aaggatgagg | gaaaggatga | gggaaaggat | 540 |
| gagggaaagg | atgagggaaa | cgatgagggg | aaggatgaga | gaaaggatga | gggaaaggat | 600 |
| gagggaaagg | atgagggaaa | ggataagtaa | g | | | 631 |

<210> 1838
 <211> 667
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(633)
 <223> similar to gi2246532 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1838

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|-----|
| ggaaaaacaa | gcaacagatg | acattatcaa | aaatatgtct | tttgaaaacc | aagtcaagta | 60 |
| cctagagatg | aaaaccacaa | atgagaaaact | gttacaggaa | ttagatacac | ttcaacaaca | 120 |
| attggattca | cagaacatga | aaaaagagag | cctggaagca | gaaatagctc | actcccaggt | 180 |
| gaaaacaggag | gcggtattgc | tgcattgaaaa | actttatgag | ttggagtccc | atcgagatca | 240 |
| aatgattgca | gaagacaaaa | gcataggatc | tccaatggaa | gagagagaga | aattacttaa | 300 |
| gcagattaaa | gatgataatc | aggaaatagc | cagcatggaa | agacagttaa | cagatacaaa | 360 |
| agaaaagata | aatcagttta | ttgaagaaat | tagacaactt | gacatggatt | tagaggaaca | 420 |
| ccaagggtgaa | atgaaccaga | aatacaagga | gctaaagaaa | agggaggaac | atatggacac | 480 |
| ttttattgag | acttttgagg | aaacaaagaa | tcaggaaactg | aaacgaaaag | cacagataga | 540 |
| agccaacatt | gttgcaactc | tggagcactg | cagtcgaaat | ataaatcgta | tagaacagat | 600 |
| atcctctatc | accaatcaag | agctaaagat | gatgcaggat | gacctcaatt | ttaaactctac | 660 |
| tgaagcg | | | | | | 667 |

<210> 1839
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(239)
 <223> similar to gi4558557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1839

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgatattgcc | ttaaaagatg | ctgaaaaagt | tcacttcac | ctagtggaaa | aggtgaccac | 60 |
| aagattcaag | gtggatggaa | aacacagaaa | gaaaaattca | gtgtttgaaa | gacttcaaat | 120 |
| tgatattcaa | cacttgtgtt | tgaacaagat | tcctgtgcta | agagaagaaa | aactacctgt | 180 |
| ggtaggaatt | ggaaagcatc | tgtgtggtat | ggcaacagat | cttgcatcac | gatgtttggt | 240 |
| tgaaacctat | gctgccagtt | ttgaggaaag | gaatgaagaa | cctttagcca | aacgcataaa | 300 |
| gaatgataaa | acagaaaaag | aaatttacac | tttggccaag | gaaggaaatg | aaaaaaatgt | 360 |

<210> 1840
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (806)...(450)
 <223> similar to gi3876843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1840
 ttttttgata tcagaagtca tcttgatata gccagttcct tctcttcaca gttttgtttc 60
 tcatttgaac atccaaagac agttttgcga gctgtgtgca gtcaccacag gccagtgagg 120
 tcaactgtcat tgtgacaata ggtagttttc aggggacacag accttgtgct ggggtgatgga 180
 atctaagacc catttctcag acagatactt gactgttgct ttcttctttc cgctgtaggg 240
 cccgatgacg atgctggcct ggcgggggac ttggctgacc cggcctccgc acaggtggac 300
 tagttcacag agcttggcca ctggggggct gctggcaggc gagacaaaca tcaactggctg 360
 gtcggcaaag agggttccgc ggtacggccc tgcagacaag tggcactcac ttcggcacag 420
 gggagctgca gggaagtggg gagacagttc gaacggctcc tcagaaatcc agtgacccaa 480
 ttctaaagac catagcacc aatcataaga gagaacccag cagccacgcg caattcccag 540
 cagcacattc aggggtgcga gtggcttccc ggaaagcacg tgagtcgtgg tctcacagac 600
 gtctggtgca attgaaaagc ctttcaattt atccacaacc tggatgacga cattctgctt 660
 ttcagatggc atgcttgtca tgactaatgt tcttggtggc tttttgcctc tcccactttt 720
 cttcaattcc tcatgaggtt tgatgaggtc cttaaagccg tcacatgagt catctaaaac 780
 atcatgcctt gttggtctat ttttaacact tccactgtat cctccgggta agttttcctt 840
 ctcttctgta gacgtctcca tgttacagtc aactataaaa catggctcat gttcactctg 900
 ggcttcacct tcagaggagt ttgatatttt gg 932

<210> 1841
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(299)
 <223> similar to gi7939 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1841
 agaaagcttc aacactatca gtaacatcga ggagattgcy tataacgccca tttccttcac 60

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| atgggacatc | aacgatgaag | caaagggtttt | catctctgtg | aactgcttaa | gcacagattt | 120 |
| ctcttcccag | aagggagtga | aggggttgcc | tcttaacatt | caaattgata | cctatagtta | 180 |
| caacaaccgc | agcaacaagc | ctgtgcaccg | ggcctactgc | cagatcaagg | tcttctgtga | 240 |
| caagggagct | gagcggaaaa | tcagggatga | agaacgaaag | caaagcaaaa | gaaaaggcaa | 300 |
| gtgtcctgac | cccagctccc | aggtgaatgc | ctgtaagtag | aaatgttccc | g | 351 |

<210> 1842
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> similar to gi551827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 1842 | | | | | | |
| cttaccatc | tcacggctca | gaacgtgccg | aatctgtttg | cccgtaacga | acgcgtgatt | 60 |
| tgccttttcg | ataccgaatt | tggcccaatg | gcgagattc | tggtcggagc | gacgattgtt | 120 |
| ggcagcattg | agacggtctg | ggcgggcacc | attacgccgc | cgcgcaagg | tatcatcaag | 180 |
| cgctggacct | ggcctgccgg | ggaaaacgac | ggttctgtgg | cactgctgaa | aggccaggaa | 240 |
| atgggtcgct | ttaaactcgg | ttccaccggt | atcaacctgt | ttgcaccggg | taaagtgaat | 300 |
| ctggttgagc | aactggaaag | cctgtctgtc | acgaaaattg | gccagccgct | ggcagtatct | 360 |
| accgaaacct | ttgttacgcc | agacgctgaa | cctgccccgc | ttctgctga | agagatcgaa | 420 |
| gcagaacacg | acgccagcc | | | | | 439 |

<210> 1843
 <211> 543
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (257)...(545)
 <223> similar to gi2618752 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 1843 | | | | | | |
| gcaaagggtt | ggtgacttcc | tccctctccc | ctcccttcgt | tccttcttcc | cgaaggcact | 60 |
| catctgagaa | aaagagaacg | aagtattgtt | cctgttctct | ttcttaagtc | attcgaaaca | 120 |
| ctgcccctgc | gagttcttta | agttccctgc | aatctgtaca | ccctagaaag | agggagagag | 180 |
| agagggagag | agaccacag | agcagggatc | aggtaaagga | gtggggctgc | tgcagccatt | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cagacctcag | gagctgggtg | tgaaggagca | taagtgtggg | atttgtgggc | gggagttcac | 300 |
| cctgctggcc | aacatgaagc | gacacgtgct | gatccacacc | aacatccgcg | cctaccagtg | 360 |
| tcacctctgc | tacaagagct | tcgtgcagaa | gcagaccctc | aaggcacaca | tgatcgtcca | 420 |
| ctctgacgtg | aagcctttca | aatgcaagct | ttgtgggaag | gaattcaacc | ggatgcacaa | 480 |
| cctgatgggc | cacatgcacc | tgacttcaga | cagcaaacc | ttcaagtgcc | tctattgccc | 540 |
| aag | | | | | | 543 |

<210> 1844

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (847)...(949)

<223> similar to gi1813429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1844

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| cccacgcgtc | cggaatgatt | aatggagaaa | ccatgaaaat | attggtaatt | ttttttttta | 60 |
| ctaaatttta | tacttgga | ttaaaaggt | cattgaaaat | gattgtacca | gggttccttc | 120 |
| atgatagaca | tggggctgag | tcttaaagca | aacagggat | tcacctccac | ctcaacattt | 180 |
| tgttgggcaa | attttcaa | ataaaggaca | atgagaagta | ttttatagtg | aacacttatc | 240 |
| tacttacctc | ttagattcaa | caatgaatat | tttattatac | ttgttgcata | tttatcccc | 300 |
| tacctatccc | tcttttcttc | caacaattgt | gaattcatct | ttgaggtatt | cattcaacaa | 360 |
| acacataggt | gctggggatg | atttaattta | atcgaagatg | attaaagcat | tcagtcctgt | 420 |
| cctccaaagt | ctcacaacct | agtgtaggga | aatagacatg | aaatatatca | ttgctgcaaa | 480 |
| atgatgagtg | gcataatata | ggtatatgtg | aagttcagca | gagaaacacg | ttggaagaaa | 540 |
| taatctttga | ctcttgaagt | attgtttgaa | gtttttggga | gttaccacga | gtgagaagga | 600 |
| gtttgcctag | caaagataat | tctaaacaga | aacattagca | tttgcaaaga | tgtgggggta | 660 |
| atgttgtgag | tgttaaaaag | aacatatagt | aaaaatgcaa | aattggaaac | atgtggtctg | 720 |
| tatatatttg | caactttagt | gtaattccta | cctcatttgg | gataaatgta | gcatgtttta | 780 |
| tgtaaggga | ccatatatca | taacacattt | ttgttcta | atttgattta | tgagaaatgt | 840 |
| ttgttaaatt | tagatgtcaa | tgaagagctt | ccagccagaa | gaaaacgaaa | tcgtgaggat | 900 |
| ggggaaaaga | catttggtgc | acaaatgaca | gtatttgata | aaaacaggta | atgttgatga | 960 |
| acaagtgagg | ctcccacaat | gttctggaaa | tgttttcatt | ctgaagcaga | atataattat | 1020 |
| ttatattgat | tatttcattg | cctttgtttc | tttttattct | tacggatgaa | aaaacaaatt | 1080 |
| tgcaaacact | ga | | | | | 1092 |

<210> 1845

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(418)

<223> similar to gi1017722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1845

```
gcgggcttaa ccggcttccc aacccttact tttcacaaga taattcatac tgataagaaa      60
ccctacaaat gtgaagaagg tggcaaagct ttaaccgat cttcaatcct tagtatacat      120
aagaaaattc atactggaga aaaaccctac aaatgtgaag aatgtggcaa agcttttaag      180
cggtcctcac acctcgctgg gcacaagcaa attcatagtg tacaaaaacc ctacaaatgt      240
gaagaatgtg gcaaagcctt tagtatattc tcaaccctta ctaaacataa gataattcat      300
actgaagaga aaccctacaa atgtgaaaaa tgtggcaaaa ctttctaccg attctcaaac      360
cttaatacgc ataagataat tcatactgga gagaaacctt gcaaattgtga agaattgt      417
```

<210> 1846

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(448)

<223> similar to gi5689447 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1846

```
cgaccacgc gtccgcggac gcgtgggcg gacgcgtggc ggacgcgtgg gctggcgggc      60
attgccctgc tggtcctaga ggaggaggag agcgccttct ggtgcctggt ggccattgtg      120
gagaccatca tgcccgctga ttactactgc aacacgctga cggcatccca ggtggaccag      180
cgggtgctcc aggacctgct ctcgagagaag ctgcccaggc tgatggccca tctggggcag      240
caccacgtgg atctctccct cgtcaccttc aactggttcc tcgtggtcct tgcggacagt      300
ctcattagca acatcctcct tcgggtctgg gatgccttcc tgtacgaggg gacgaagggt      360
gtgtttcgct atgccttggc cattttcaag tacaacgaga aggagatctt gaggctacag      420
aatggcctgg aaatctacca gtacctg                                447
```

<210> 1847

<211> 508

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(442)

<223> similar to gi4454565 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 1847
ctgaaaaagg accactttct cctaaagttc tttttaatca cttttgtcag aaggcacctc 60
gatttaaaga tttccagcaa caggacagtc aggagcttct tcattatctt ctggatgcag 120
tgaggacaga agaaacaaag cgaatacaag ctagcattct aaaagcattt aacaacccaa 180
ctactaaaac tgctgatgat gaaactagaa aaaaagtcaa agcatatgga aaagaagggtg 240
tgaaaatgaa cttcatagat cggatcttta ttggtgaatt aactagcacg gtcatgtgtg 300
aagaatgtgc aaatatctcc acggtgaaag atccattcat tgatatttca cttcctataa 360
tagaagaaag gggtttcaaaa cttttacttt ggggaagaat gaataaatat agaagtttac 420
gggagacaga tcatgatcga tacagtggca atgttactat agaaaatatt catcaaccta 480
gagctgcaa gaagcattct tcatctaa 508
```

```
<210> 1848
<211> 505
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (255)...(508)
<223> similar to gi3875400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1848
ggcggcagca gcagccctgg acgcagcagc caagctcttc gctggctccc gggggctctc 60
ccgggttcct ctcattgcag gctgaaggta atgagaggcc ctaagatccc agaggatgcc 120
ataagaggaa aagtcagggg agtggtgaag actctgcctc ctacaaatat ccatccgcag 180
agccatcctg tgcaaaggaa ggagctaggg tgtgcgcctc gggcgctcatg atccttctgc 240
gggcctccga agtgcggcag ctgcttcaca ataagttcgt ggtcatcctg ggggactctg 300
tgcatagggc agtatacaag gacctggtgc ttctgctgca gaaggaccgc ctgctcactc 360
ccgggcagct tagagcaagg ggggagctga acttcgaaca agatgagctg gtggacggag 420
gccagcgggg ccacatgcac aacggcctta actacogtga ggtccgcgag ttccgctccg 480
accaccatct ggtacgtttt tactt 505
```

```
<210> 1849
<211> 338
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (68)...(316)
```

<223> similar to gi3297821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1849
ggcaaacgca gctctctgtc agcatccgac gggctgtcag accagtgtg atcttcactg      60
gactcttcct cctcctcgtc atagtcctcc tcctcctcct cttcatagtc ctctcctcc      120
tcctcttcat attcttcctc ctctcctcc tcctcttcat tcccaggccc aaagctcttt      180
gaggcctcta gctcctcttc acttttccct ttcagaaggg catggatccg cacggcctcc      240
ttccacggaa caccaccag gtcagatggg ggcaggcgag gctcctctc ctctcctct      300
ccctcctcct ccctctcaga ctcggaacta ctgctggc      338

```

<210> 1850

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(426)

<223> similar to gi5853317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1850
gcacgagtgt cagttcttga gatgatgtc tggacttaat aactttgatc agaccttcta      60
aaccctaaatt tgaagtgagg accagaccag aaaatctagg atacatgatg gctagagaca      120
caggtgtagc ttttaataga tgcaggctaa cagctgccat tttccattc tctagatata      180
ttattctatt ttcattctcc ccagaaccct gcaaggcagt gctttcactt cctgaaagaa      240
actggcagga tagggacctt accatagaac agagtctctg gagaaggga ctgaaccagg      300
tccttgcag ctgtccctag acttcctga ccccatcctt gcttgcttcc cagaccccat      360
gccacagctg gatgtgactg aggccaacaa ggagttcatg gaacagagtg aggagctgta      420
tgac      424

```

<210> 1851

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(105)

<223> similar to gi3347848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1851
ccgcttccag gcttcctgct acctgaagca gggcaagtac caggatgcgg agaccttgta      60
caaggagatc ctcacccgcg ctcattgagaa agagtttggc tcttgagggc ctgccccagt    120
gtctcccaact ctgggaaacc acctctggcc ccggatgggc agtcattctgc tcttgagtc     180
ctcggagcct ggcccatcat tcaggcctag cacatgtctt gggctgtggc ctgaggtgca      240
agggctctgtt ctgctcatct ttcttgtgac cattctttcc tccaggataa gcgccgggac     300
agcgccccct atggggaata cggcagctgg cacaaggcag gtcacctgtc ccaagaaggc     360
tctgtct

```

```

<210> 1852
<211> 685
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(686)
<223> similar to gil690 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1852
ggcacgagtg gaggggatgg gaacttggag actcacacca cactgcccac cattctgaag      60
aagttcaacc cttacctctt tggcttctct accagcacct gggaggggac agcaggacta     120
aatgtggcag cggaaggggc cagagctagg gacatgccag ccaggcctg ggacctggta      180
gagcgaatga aaaacagccc cgacatcaac ctggagaaag actggaagct ggtcacactc     240
ttcattgggg gcaacgactt gtgtcattac tgtgagaatc cggaggccca cttggccacg     300
gaatatgttc agcacatcca acaggccctg gacatcctct ctgaggagct cccaagggct     360
ttcgtcaacg tggtgagggt catggagctg gctagcctgt accagggccca aggcgggaaa     420
tgtgccatgc tggcagctca aaacaactgc acttgccctc gacactcgca aagctccctg     480
gagaagcaag aactgaagaa agtgaactgg aacctccagc atggcatctc cagtttctcc     540
tactggcacc aatacacaca gcgtgaggac tttgcggttg tggtcagcc tttcttccaa     600
aacacactca cccactgaa cgagagaggg gacactgacc tcaccttctt ctccgaggac     660
tgttttcact tctcaaaccg cggcg

```

```

<210> 1853
<211> 513
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(516)
<223> similar to gil020145 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 1853
ggcacgagcc ttcgggagag aaacctcata aatgtactga atgtgggaag tctttcaatg      60
agaagtcaac cctcattgtg catcaaagaa ctcatcacagg agagaaaccc tatgaatgtg     120
atgtgtgtgg aaaaaccttc acgcaaaagt caaaccttgg tgtacatcag agaactcatt     180
caggagagaa accctttgaa tgtaatgaat gtgagaaagc cttctctcag aagtcctacc     240
tcatgctgca tcagagaggt catcacaggag agaaacctta cgagtgcagt gaatgtgaaa     300
aagcattttc acagaaatca tatctcatta tacatcaaag aactcataca gaagaaaaac     360
cctataaatg taatgaatgt ggcaaagcct tcagagaaaa gtcaaagctc attatacatc     420
agagaattca tacaggagag aaaccttatg aatgtcctgt gtgttggaag gcttttagcc     480
agaagtcaca gtcataata catcagagaa cgc                                     513
```

<210> 1854

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(105)

<223> similar to gi6016932 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 1854
ggcacgagcg ggctggtgga cttggtatta atcttacagc tgctgatacc tgcattcatct      60
ttgattcaga ctggaatcca caaaatgacc tgcaggtaaa ggaattcatt gtcttaggga     120
ctaactacct aacttgggag atttttcaac aagaatagga tcttttagaa agacctttca     180
cagagtttgg aattgtttcc ttagttaagg gtggcagtta ggtcagggaa tcagcaaacg     240
ttttctgtaa acgacaagac agtaaatgtt ttaggctttg tgagccatcg agtctttgtt     300
gcaactgctt atctccaagt cctgtagcgc aaaaacagcc atagataata tgtaaatgag     360
tgggtggtcc cacctgtgtc cccattgaac tttatTTTTT                               399
```

<210> 1855

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(751)

<223> similar to gi4589520 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 1855
gaagaactgg atacgcagct ccttcaagca agctttcggg aagaagaagt ccccaaaatc 60
tgcgctcctct cattcagata ttgaggagat gacggattct tctttgcctt cctcaccaaa 120
gttaccacac aatgggtcca caggttccac cccactgctg aggaattctc actccaactc 180
tctaatttca gaatgcatgg atagtgaagc tgagaccgct atgcagctcc gaaatgagtt 240
aagagacaag gagatgaagc tgacagatat ccgcttagaa gctctcagtt ctgcccacca 300
gctggaccag ctccgggagg ccatgaacag gatgcagagt gaaatagaga agctgaaagc 360
tgagaatgat cggctgaagt cagagtctca aggcagtggc tgcagccggg ctccctccca 420
agtgtccatc tctgcctccc cgaggcagtc catgggcctc tcccagcaca gcttgaacct 480
cactgagtca accagcctgg acatgttgct ggatgacact ggtgaatgct cggctcggaa 540
ggaaggaggc aggcattgta agatagttgt cagctttcag gaggaaatga agtggaaagga 600
ggattccaga ccacacctct ttcttattgg ctgcattgga gttagtggca agacgaagtg 660
ggatgtgctc gatgggggtg ttagacggct gttcaaagaa tacatcattc atgtcgacc 720
agtgagtcag ctagggtga attcagacg 749

```

<210> 1856

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(446)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1856
attcatcaga gaattcatag tggtgagaaa gcatatgaat gtagtgaatg tgggaaagct 60
ttcaatcaga gctcagccct cattagacat cggaaaatcc atactggtga gaaagcttgt 120
aaatgtaatg agtgtggcaa agcattcagt caaagttcat atctcattat acatcaaaga 180
attcacactg gtgagaaacc ttatgagtgt aatgaatgtg ggaaaacctt tagccagagc 240
tcaaaactca ttagacatca gcgaattcac acaggagaga gaccctatga atgtaatgaa 300
tgtggaaaag ctttcaggca gagctcagag ctgattactc atcagagaat acatagtgga 360
gagaaacctt atgaatgtag tgaatgtgga aaagctttca gtttgagctc aaaccttatc 420
agacatcaga ggattcatag tggggg 445

```

<210> 1857

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (2)...(423)
 <223> similar to gil841296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1857
 agccctgac ctttcagccg gcctgagcac gggagctctc gttgcgattc tactctgtgt 60
 cctcatactg cttatttttag tcgtgttggt tgctgcattg aagaggcaaa gaaaaaagga 120
 acctctgata atttcaaaag acgatgtccg ggacaacatt gtgacctaca acgatgaagg 180
 cggcggggaa gaagataccc aagcttttga cattggcaca ttaaggaatc cagaggcaag 240
 agaagacagt aaacttagac gggatgtaat gcctgaaact atttttcaga taaggaggac 300
 tgtgcctctg tgggaaaata ttgatgtaca agattttatc catcgaagat taaaagaaaa 360
 cgacgcagac ccaagtgcac ctccatatga ttcgctggca acgtatgcct atgaagggaa 420
 t 421

<210> 1858
 <211> 1238
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1241)
 <223> similar to gi2911719 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1858
 atcttaccaa gatgcattc acagaaaacc ctcatccaca ggtgactcat gtgtcttcta 60
 gtcagtctgg ttgtagcatt gccagtgact ctggaagcag cagtttatct gatattctatc 120
 aggctacgga gagttaggta ggagatgtag atttgacacg tcttccagaa ggacctgttg 180
 attctgagga tgacgaagag gaagatgaag agattgatcg aacagatcca ttgcaggggc 240
 gagatcttgt tcgagaatgt cttgaaaaag aacctgcaga caaaactgat gatgacattg 300
 aacaattgct ggagtttatg caccagctcc ctgcatttgc aaacatgacc atgtctgtaa 360
 ggagagaact ctgctcagtg atgatttttg aagtggtaga gcaggctgga gctattatc 420
 ttgaagatgg gcaagagctt gactcatggt atgttatatt aaacggcact gtggaaatca 480
 gtcattccaga tggaaaagtt gaaaatttgg ttatgggaaa tagttttgga attactccca 540
 ctctggataa gcagtacatg catggaattg tcaggactaa agtagatgat tgtcagtttg 600
 tctgcatagc ccagcaagat tattggagaa ttttaaacca tgtggaaaaa aatacccata 660
 aagttgagga agagggagaa attgttatgg tacatgagca tcgggaacta gaccggagtg 720
 gaaccaggaa aggacacatt gtgatcaagg caacacctga gcgtctcata atgcatttaa 780
 tagaagaaca ttccatcgtg gatccaactt atatagaaga ttttctatta acttacagga 840
 catttcttga aaagtcttgg gatgttggga tcaaactatt ggaatgggtt aagatcgaca 900
 gcttaagaga taagtgaca cggattgtat tattatgggt aaataatcat ttaatgatt 960
 ttgaaggtga cctgctatg actcgatttc tagaggaatt tgaaaaaat ctggaagata 1020
 caaagatgaa tggatcatct cggttattga atattgcctg tgctgcaaag gctaagtgg 1080
 gacaggttgt gctgcaaaag gcttcccgcg agtcccctct acaattcagc cttaatggag 1140
 ggagtgagaa gggatttggg atttttgttg aaggagtaga acctggtagc aaagctgctg 1200

attcaggact gaaacgtggt gatcagatta tggaagta

1238

<210> 1859
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (57)...(472)
<223> similar to gi337467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1859
ggcggggctc ntttgagacc tgatgaccat cattacgccc agcttggcac gagggggagg 60
acttcagcta cggcctgcag ccctactgcg ggtactcctt ccaggttgtg ggggagatga 120
tccggaaccg ggaggtgctg ccttgccccg atgactgtcc cgctgggcg tatgccctca 180
tgatcgaggg ctggaacgag ttccccagcc ggagggcccg ctttaaggac atccacagcc 240
ggctccgagc ctggggcaac ctttccaact acaacagctc ggagcagacc tcggggggca 300
gaaacaccac gcagaccagc tccctgagca ccagcccact gtgcaatgtg agcaacgccc 360
cctacgtggg gcccaagcag aaggtcccgc cttttccaca gaccaggtc atccccatga 420
agggccagat cagacccatg gtgccccgc cgcagctata cgtccccg 469

<210> 1860
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(122)
<223> similar to gil469866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1860
atagtgtcgt caacacagca ggatctgcag gaatgggtgg agcacctaca gaagcaaacg 60
aaggtcacgt ctgtgggaaa cccaccata aagcctcatt cagtgccatc tcataaccgta 120
aggacttggt gcttctctc cttccagact ccaggcgtgg catcccgagg ctgagctgtc 180

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agcaagtgat | cagttgcttt | aaaaccta | aatatatttg | ataaaaagtg | caaaacactt | 240 |
| gcttcacatt | tctctgcaga | tctttggccc | tcttcgtgca | gtagtgaatt | gttttccaat | 300 |
| gagtgttctc | gagaaacaac | cctgaattgt | gcctcctcac | gcacagttca | gaggtgcttg | 360 |
| ggtgggaagc | tgcttctgct | cgtgtggccc | ctagaagact | gatttagggg | agttttacac | 420 |
| tcaactatag | atgatttttc | tgagaatttt | aactgtttat | tatgcttcat | ttaagaaaac | 480 |
| aaaaaataaa | tgattatgat | gatgaaaagg | a | | | 511 |

<210> 1861
 <211> 1149
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (14)...(794)
 <223> similar to gi3644042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|------|
| <400> 1861 | | | | | | |
| gggtagaaag | ctcccacagt | ttaagtacag | aaagactgtg | tggcctcgag | catataatct | 60 |
| aaccaacttt | tccagcatgt | ttactgattc | ctgtgactgc | tctgagggct | gcataaacat | 120 |
| aacaaaatgt | gcatgtcttc | aactgcagc | aaggaatgcc | aaaacttccc | ccttgtcaag | 180 |
| tgacaaaata | accactggat | ataaatataa | aagactacag | agacagattc | ctactggcat | 240 |
| ttatgaatgc | agccttttgt | gcaaattgt | tcgacaattg | tgtcaaaacc | gagttgtcca | 300 |
| acatggctct | caagtggagt | tacaggtgtt | caaaactgag | cagaagggat | ggggtgtacg | 360 |
| ctgtctacat | gacattgaca | gagggacatt | tgtttgcatt | tattcaggaa | gattactaag | 420 |
| cagagctaac | actgaaaaat | cttatggtat | tgatgaaaac | gggagagatg | agaatactat | 480 |
| gaaaaatata | ttttcaaaaa | agaggaaatt | agaagttgca | tgttcagatt | gtgaagttga | 540 |
| agttctccca | ttaggattgg | aaacacatcc | tagaactgct | aaaactgaga | aatgtccacc | 600 |
| aaagttcagt | aataatecca | aggagcttac | tatggaaacg | aaatatgata | atatttcaag | 660 |
| aattcagtat | cattcagtta | ttagagatcc | tgaatccaag | acagccattt | ttcaacacaa | 720 |
| tgggaaaaaa | atggaatttg | tttcctcgga | gtctgtcact | ccagaagata | atgatggatt | 780 |
| taaaccaccc | cgagagcatc | tgaactctaa | aaccaaggga | gcacaaaagg | actcaagttc | 840 |
| aaaccatggt | gatgagtttg | aagataatct | gctgattgaa | tcagatgtga | tagatataac | 900 |
| taaatataga | gaagaaactc | caccaggnag | cagntgtaac | cggcgnacca | cttggnat | 960 |
| ncantattna | aagagncaat | ggggttncat | attcanaaac | cccaanaggn | agttctacag | 1020 |
| gcatgtcaaa | gacagcaggt | attttgtgat | gaagagttgt | ttaatgnaaa | ccganatant | 1080 |
| tnctatcntt | ttctcnaaca | gatttncaana | gagntgagtt | ttttnatggg | nagnccacaa | 1140 |
| aaaaaaaa | | | | | | 1149 |

<210> 1862

<211> 1327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1114)
 <223> similar to gi4589582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1862
ttgtgctttc tgacctttgc ctctttttatt atagagatga gaaagaagag ggtatcctgg      60
gaagcatact gttacctagt tttcagatag ctttgcttac ctctgaagat cacattaatc      120
gcaaatatgc ttttaaggca gcccattcaa acatgcggac ctattatttc tgcactgata      180
caggaaagga aatggagttg tggatgaaag ccatgttaga tgctgcccta gtacagacag      240
aacctgtgaa aagagtggac aagattacat ctgaaaatgc accaactaaa gaaaccaata      300
acattcccaa ccatagagtg ctaattaaac cagagatcca aaacaatcaa aaaaccaagg      360
aaatgagcaa aattgaagaa aaaaaggcat tagaagctga aaaatatgga tttcagaagg      420
atggtcaaga tagaccctta acaaaaatta atagtgtaaa gctgaattct ctgccatctg      480
aatatgagag tgggtcagca tgccctgctc agactgtgca ctacagacca atcaacttga      540
gcagttcaga gaacaaaata gtcaatgtta gcctggcaga tcttagaggt ggaaatcgcc      600
ccaatacagg gcccttatac acagaggccg atcgagtcac acagagaaca aattcaatgc      660
agcagttgga acagtggatt aaaatccaga aggggagggg tcatgaagaa gaaaccaggg      720
gagtaatttc ttaccaaaca ttaccaagaa atatgccaaag tcacagagcc cagattatgg      780
cccgtaccc tgaaggttat agaacactcc caagaaacag caagacaagg cctgaaagta      840
tctgcagtgt aacccttcc actcatgaca agacattagg acccgagcg gaggagaaac      900
ggaggtccat gagagatgac acaatgtggc agctctacga atggcagcag cgtcagtttt      960
ataacaaaca gagcacctc cctcgacaca gtactttgag tagtcccaa accatggtaa     1020
atatttctga ccagacaatg cactctattc ccacatcacc ttcccacggg tcaatagctg     1080
cttatcaggg atactcccct caacgaactt acagatcgga agtgtcttca ccaattcaga     1140
gaggagatgt gacaatagac cgcagacaca gggcccatca ccctaaggta aaatagctgc     1200
tgattttgtg ttaactcact accttataaa tgctgtgttt tctttctagt atactatttt     1260
aaatgtgaga gacaaaagaa tggggataaa gtaagcaagg cagctctttt ttgtttttaa     1320
aaaaaaa

```

<210> 1863
 <211> 658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(658)
 <223> similar to gi498721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1863

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atcagagatt | gcatgttggt | gagaaaccct | ataaatatga | aaaatgtggg | aaggccttta | 60 |
| tcagtggctc | agcctttgtt | aagcatggga | gaattcacac | tggtgagaag | ccactcaa | 120 |
| gtaagcaatg | tggaaagact | attagcggta | gctatcaact | tacagtacat | aagagtattc | 180 |
| atactgggaa | gaaaccatat | gagtgcgggg | aatgtgggaa | agcttttcta | gtatatggaa | 240 |
| agcttaccgc | gcatcagagt | actcacactg | gtgaaaaacc | ctttgggtgt | gaggagtgtg | 300 |
| ggaaggcctt | cagtaccttt | tcatacctgg | ttcaacatca | gcgaattcat | accagtgaaa | 360 |
| aaccttacga | atgcaaagaa | tgtgggaagg | cctttagcac | tagctcacc | cttgctaagc | 420 |
| atcagagaat | tcatactggc | gagaaaccct | atgaatgtaa | ggagtgtggg | aagtccttca | 480 |
| ctgtgtatgg | acagcttact | cgaatcaga | gtattcatac | tggtgagaaa | ccttttgaat | 540 |
| gtaaggaatg | tggaaaggcc | tttagactta | gttccttcct | tcatgcacat | cagcgaattc | 600 |
| atgcagagat | aaagccctac | ggatgcaagg | aatgcgggaa | aaccttcagt | cgtgcctc | 658 |

<210> 1864

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(586)

<223> similar to gi4902699 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1864

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cttgaaaccg | ttataccttt | gacaccattt | tgcacgatga | ctccagcctg | tatcgaggca | 60 |
| ggggagtctc | tccccctccc | tgcgccctct | tgtcagccat | ccttgccgcc | tttcagcccg | 120 |
| cagcctgtga | cgatgccgag | gaggcctggc | gcaaccacat | caaccagctt | atgtgtgact | 180 |
| caaatggctc | ctgtgctgtg | tatacatctc | atgtgttctc | ctccttgttt | aagaatattc | 240 |
| agaaaagggt | ctgcttccta | acctgtgatg | cagccagtta | ccttgagat | aacctccggg | 300 |
| gaatcggatc | caaatttgct | agctcttccc | agatgctcac | ctcctgctct | gaatgtccta | 360 |
| cactttttgt | ggatgccgag | actctccttt | catgtggact | tctggacaag | ctcaagttca | 420 |
| gtgtgttaga | actgcaagaa | tatttgata | cctacaacaa | caggaaagag | gccacactct | 480 |
| cttggtctgc | aaattgtaag | gcaacatttg | cagggggatc | aagagatgga | gtaattacct | 540 |
| gtcaaccagg | ggactccgaa | gaaaaggtaa | taaaagcctg | ttagaatggg | tctcttgtgt | 600 |
| gctctaacat | tgtgtattag | ttttggtcta | cccaagaagc | ctggaacttg | agaaaagaag | 660 |
| aggcggaatg | agtcacccca | aacattttaca | tgaacccaac | agagtaagac | agaatgcctt | 720 |
| ccagcatgac | tgtgtgttga | tgggatttgt | ggggagggtt | cttcgttttg | gaaaagtaga | 780 |
| ggtataaaat | aacctttttt | gctggatact | gtctaactat | actaataatt | tcctaataaa | 840 |
| tttattctta | attcagaaaa | aaaaa | | | | 865 |

<210> 1865

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(802)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (15)...(738)
 <223> similar to gi3879227 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1865

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| gggcagcctg | cattgcgctg | gagcagcacc | tgtcccgcctg | ggcagaggat | gggcgctggg | 60 |
| tcgaatactt | ctgcctggcc | gaaggccacg | tggcttccgt | tgactcagtg | ctgctgctcc | 120 |
| aggggtgggtc | actctgtctg | tcgggctccc | gagatcgcaa | cgtcaacttg | tgggacctgc | 180 |
| ggcagctggg | gacggagtcc | aaccagggtc | tgatcaagac | cttaggcact | aagcgaaata | 240 |
| gtacccatga | gggctgggtg | tggtcactgg | cagcgcagga | ccaccgcgtg | tgctccggct | 300 |
| cctgggacag | cacagtgaag | ctctggggaca | tggcagcgga | tgggcagcag | ttcggcgaga | 360 |
| taaaggccag | ctcagccgtg | ctgtgcctct | cctacctgcc | tgacatcctg | gtgactggca | 420 |
| cctatgacaa | gaagggtgacc | atctacgacc | ccagagccgg | cccagccctg | ttgaagcacc | 480 |
| agcaactaca | ctccagaccc | gtgctgaccc | tgctggcgga | tgaccggcac | atcatctcag | 540 |
| gcagcgagga | ccacaccctg | gtgggtgggtg | accgccgagc | caacagcgtc | ctgcagcgtc | 600 |
| tgcagctgga | ctcctacctg | ctctgcatgt | cctaccagga | accccagctc | tgggctgggtg | 660 |
| acaaccaggg | cctgctgcac | gtcttcgcca | accgcaacgg | ctgcttccag | cttatccggt | 720 |
| cctttgatgt | gggccacagc | tttcccatca | ctgggattca | gtactccggt | gggagccttt | 780 |
| gtanaccaca | ttcactgaca | a | | | | 801 |

<210> 1866
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(407)
 <223> similar to gi4914601 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1866

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ctcttctacg | tctgaatgat | ataagtgcag | gggatcgcat | acctgcttgg | acatttgata | 60 |
| tgaacacagg | tgcttgggta | aatcatggtc | ggggaatggg | caaggaacat | aacaatcatt | 120 |
| taatctggac | atatgatgca | ccacatttgg | ggtactggat | agcagctcca | cttccaggaa | 180 |
| ctagagggttc | aggtataaat | gaagattcca | aggacataac | tgcttaccac | acagtgtttc | 240 |
| ttacagccat | attaggagga | acaatagtca | ttgtcattgg | attttttgct | gtactacttt | 300 |
| gttattgcag | ggacaagtgt | ggtactccac | agaaaagaga | aagaaatata | actaaacttg | 360 |
| aggtcctcaa | gagagaccag | acaacttcaa | caacacacat | aatcatatac | agtacagtta | 420 |
| aagttgcatt | aaaagctgag | gacaagtcgc | agttattcaa | tgccaaaaac | tcctcatata | 480 |
| gtcctcagaa | aaaggaacca | tcaaaggcag | aaacagaaga | aagagtttcc | atggtaaaaa | 540 |

```
ctcgggacga ttttaaaatc tacaatgaag atgtttcatt tctatcagtc aatcaaaaata 600
attactcaag aaacccc 617
```

```
<210> 1867
<211> 380
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (19)...(369)
<223> similar to gi5706479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1867
gtgacctgga tgtctgagga ggaagtactt cctgcaggac aacctgccga gggcaccacc 60
tgctgcctcg aggtcactgc ccagcaggag gagaagcagg aggatgcagc catctgcca 120
gtgacagtgc tccctgagga gccagtgacc ttccaggatg tggctgagga cttcagccgg 180
gaggagcggg ggctgctggg cccgacacag aggaccgagt accgcgatgt gatgctggag 240
acctttgggc acctggtctc tgtggggtgg gagactacac tggaaaataa agagtttagct 300
ccaaattctg acattcctga ggaagaacca gccccagcc tgaaagtaca agaatcctca 360
agggattgtg ccttgtcctc 380
```

```
<210> 1868
<211> 933
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (932)...(527)
<223> similar to gi2804436 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1868
tttttttttt ttgtgtgttt agctttaatg tctattaaat aggttgga aaacaggccaa 60
gtgtagggac ctgactcctg caaagggcct accgcagccc tctgcactca agcagcagcc 120
ccatccagac caggagtgtg ttctgttctc ctggcaggca gggctgatag gtgtaggatg 180
gcgtctgttt cctttgcagt gtgggctggg cagaggagaa acagcaactt cctgctcctt 240
ctcactgtgt cgttggctca ccatagacca cgtcctgcat tccctctgat tctctcatgg 300
ggagagccct ggaccttctg gtggtgtccc agctgggtgg gttcaaggct gctaccccg 360
ttggggcagc tggcctgcag ggaagggcca gacggcacct ctcaaggag actgaatctt 420
ccttccttca ggaggctgcc tccaggaag acctggggtc cttcctgcgc tcagcgctgg 480
```


| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| ctggctgtcc | tgttcacgca | gtggaagaca | ttacagaaga | attcatatga | gaagaacatg | 540 |
| aagcctgtgg | agaggggcagc | cttcagcaag | ctggggggaca | ggcccttgaa | gaagcccagg | 600 |
| gcgccttcct | tttgtagcac | ctgcttggca | cagtccatga | ggcccttgta | tctccgtacc | 660 |
| tggccaaaag | cagctctggc | atgctcaaac | cctccaacct | gtagccgctt | cttgaagagg | 720 |
| tccagcggat | atgtcagggt | cttgctgatg | acaccagctc | cactgccaca | aagcagggtt | 780 |
| tggaggttct | catttttctt | tccttcggct | ggtatggccc | acttgtacag | gtgcttcaag | 840 |
| gagctgtagc | aagagaactg | cagcccggcg | taggggaaga | tggcgatcaa | ggtgggagcc | 900 |
| aagcctttgt | agaaaacctg | ggggccttcg | ctc | | | 933 |

<210> 1869
 <211> 1028
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(978)
 <223> similar to gi5824570 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|------|
| <400> 1869 | | | | | | |
| cggagactga | catcctcagt | tagttgtgca | ctggatgaag | ctgctgctgc | actgacacgg | 60 |
| atgaaagcag | aaaacagcca | caatgcagga | caagtggaca | ctcgcagtct | agcagaagct | 120 |
| tgttcagatg | gggatgttaa | tgctgttcgt | aaattgctag | atgaaggcag | aagtgtaaat | 180 |
| gaacatacag | aagaaggaga | aagcctgctg | tgtttggctt | gttcagcagg | gtattatgaa | 240 |
| ttagcacaag | tattgcttgc | tatgcatgct | aatggtgaag | atcgagggaa | taaaggagac | 300 |
| ataactcccc | tgatggcagc | ttccagtgga | ggttacttag | atattgtgaa | attattactt | 360 |
| cttcagatg | ctgatgtcaa | ctcccagtct | gcaacaggaa | acactgcgct | aacttatgca | 420 |
| tgtgctggag | gatttgttga | cattgtttaa | gtgctcctta | atgaagggtg | aaatatagaa | 480 |
| gatcataatg | aaaatggaca | tactccctta | atggaagcag | ccagtgcagg | tcatgtggaa | 540 |
| gttgcaagag | ttctttttaga | tcatggtgca | ggcatcaaca | ctcattctaa | tgaattcaaa | 600 |
| gaaagtgtct | taacacttgc | ttgctacaaa | ggccatttgg | atatggttcg | ctttctactt | 660 |
| gaagctgggt | cagatcaaga | gcacaaaaca | gatgagatgc | acactgcctt | aatggaggcc | 720 |
| tgcatggatg | gacatgtaga | ggtggcacgt | ttgcttttgg | atagtgggtg | tcaagtgaac | 780 |
| atgcctgcag | attcatttga | atctccattg | acgctagctg | cctgtggagg | acatgttgaa | 840 |
| ttggcagctc | ctactttatt | gaaaggggga | gcaaactctg | aagaagacaa | tgatgaagga | 900 |
| tacactccct | tgatggaagc | tgcccgggaa | ggacatgaag | aaatgggtgg | actactctta | 960 |
| gcacaaggag | caaataataa | ttcccagaca | gaagaaactc | aagaaactgc | tcttactttg | 1020 |
| gcttgctg | | | | | | 1028 |

<210> 1870
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (26)...(494)
 <223> similar to gi1542813 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1870
 gaccatagtc catgtggtgg aattccctgc caatgtgcac ctcatcaact ccgggggtggg 60
 cgtgactgcc ctgcagctgc cttcggccac tgccccagga aatttctctc tggccaaccc 120
 tgtgtctggc agccccatcg tgacgggtgt ggccgtgcag cagggaaga tcctctcac 180
 cgccaccttc cccaccagca tgctcgtctc ccaggctctg ccgccagccc ccggcctggc 240
 cctgccactg aagccagaga cgcccatctc cgtgcctgag ggaggcctcc cggtgcccc 300
 cagccctgct ctcccagagg ctccagccct aggcaccctt tctgcacagc agccaccccc 360
 cgccgtgcc accacctcca gcaccagcct gtccttctcc cctgactccc ctggcctcct 420
 gcccaacttc ccggcgcccc caccagaggg gctgatgttg tcaccgcgg ccgtgcctgt 480
 ctggtcagca gg 492

<210> 1871
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (375)...(1105)
 <223> similar to gi5821434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1871
 aagtcagtct gttcttactg aatttcttct cttgaacttt ctgtttattc cttattttgg 60
 acacagtaga caattttgct caatttcact tctgccttcc ttgggttcag gtttgggtacc 120
 aataattggg aaagctgatg taattctaag tttttctcat ccagcgcata ggaaagcttg 180
 cctataggta tctgatttaa ttattttgaa tagtcaatgg gctaaccaag gagaagatga 240
 ggggatcaaa tatctgatgt ttaaattaaa ctagtattca tctctttact ttaaatttgg 300
 tctcttaaag gtctcgcat tttgttctt tgtagtcca cagtttcagg attaatggta 360
 ttctttcctt tcaggcttta aatgaagaaa ttgttaatag aaagaagaat gtagatcaag 420
 ctattaaaaa tggtcaggct cttctaaaac aaaccacagg tgaggagggtg ttacttatcc 480
 aggaaaaaact agatggtata aagactcgtt acgcagacat cacagttact agtccaagg 540
 ccctcagaac tttagagcaa gcccggcagc tggccacca gttccagtct acttatgagg 600
 aactgaccgg gtggctgagg gaggtggagg aggagctggc aaccagtgga ggacagtctc 660
 ccacagggga acagataccc cagtttcagc agagacagaa ggaattaaag aaggagggtca 720
 tggagcacag gctggtgttg gacacagtga atgaggtgag ccgtgctctc ttagagctgg 780
 tgccctggag agccagagaa gggtgggata aacttggtgc cgatgctaac gagcagtaca 840
 aactagtcag tgacactatt ggacaaaggg tggatgaaat tgatgctgct attcagagat 900
 cacaacagta tgagcaagct gccgatgcag aactgacttg ggttgctgaa acaaaacgga 960
 aactgatggc ttgggttcca attcgctgg aacaggacca gaccacagct cagcttcagg 1020
 tacagaaggc tttctccatt gacattattc gacacaaaga ttcaatggat gaactcttca 1080
 gtcaccgtag tgaaatcttt gg 1102

<210> 1872
 <211> 416
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (273)...(413)
 <223> similar to gi5931718 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1872
 cccaagatat gaaagcattc attggagatg tggcccagta cttttgtggt ttattttatt 60
 tttatatcta aatctttgat ctacctggaa tgtggcagtc cagattgttt ttctcagaca 120
 ggcggccagt tgtgccaacg ccactctttg ccacttaggt gaaatatgtc ttttatcata 180
 aactaaactt ccaggccagc tttgacctgg cattggatgg cagccccagg ctcccagcac 240
 ttgtcctctc ttctctccag gtgaccgaga gcgagcccag cgtgatgtgg ctctcggggc 300
 tgcacatccc tgagtcctac ctcacggcgc tgggtgcaggc cacctgccgg aagaacggct 360
 ggccactgga ccgctccaca ttgttcacac aagtgaccaa gttccaggat gcagat 416

<210> 1873
 <211> 749
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (337)...(750)
 <223> similar to gi4877552 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1873
 tttccagagc taagaacaca aagtcatgaa ggtgaaggag gagaaggctg gggtaggaaa 60
 gctggaccac actaaccaca ggaggagatt tccggatcag aaagaatgcc ctccatcca 120
 cattgggctt ccagtaccca cttaccctca aagaaaaact gaccagaagg gacatctttc 180
 aggccctgcaa aaagtccact ggggcctgcg gccagaccag ccacagcagg aactgactgg 240
 cccagggagt ggggcaagca gccaggacag cagcatggat cttatcagca ggactcggtc 300
 cccagctgct gagcagctcc tgggcctgtc ttgagcaggc tcttcgggtg cctgtgtctg 360
 gatatcaaga ggaagttgcc ctggttccca agtgacttct atgatggctt ccacattcag 420
 tccatctctg ccactctatt catctacctc ggctgtatca ccaacgcgat cacctttggt 480
 gggcttctgg gggatgccac cgacaattat cagggagtga tggagagctt cctgggcact 540
 gccatggctg gctccttggt ctgcctcttc tcgggacagc ctctcatcat tctcagcagc 600

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acggggccca | tcctcatctt | tgagaagctc | ctcttcgact | tcagcaaagg | caatggcctg | 660 |
| gactacatgg | agttccgcct | ctggattggc | ctacactcag | ctgtccagtg | ccttatccta | 720 |
| gtggccacag | atgccagctt | tatcatcaa | | | | 749 |

<210> 1874

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (488)...(611)

<223> similar to gi5081610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1874

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ccctctctct | gcctgcagtc | tgtttctgct | gtacctcttc | aattctggac | tgtgctcttc | 60 |
| tagggagact | agatgtatgc | accacccaga | aactgccagt | agagagcacc | ctacaggcat | 120 |
| gacttggcag | ctaggccatg | tttatttccc | ttggtggggc | acccgacagg | cagagtttat | 180 |
| tcctcagct | tgggggtggc | agtgggtggg | gtagtgctag | gggttactgc | aggcaggttt | 240 |
| ctgtttcttt | gcatcccgga | actggcttgt | tctcaccttt | ttgttctgtc | cctctctgtg | 300 |
| tattttacttt | ctctcttttt | gcattgttct | cagccttcca | tctgcatctc | ttcatctctg | 360 |
| cctctcttgc | ctgcatttcc | tcaatcttga | ttgtccctgc | ctcttctctc | gccattccct | 420 |
| ctcttccccc | tcagtctgtg | gctctgcctc | cctgtctcac | tctccctata | actggcctct | 480 |
| ccctgctcag | accttccctg | acgagctgca | tgagacaggg | cagctgcact | ctatgtccac | 540 |
| ctggatggag | ctatatccag | cagtcagcac | tgatgtccgc | tttgccaaca | tgctgggcca | 600 |
| gccgggtaag | gcagccaggc | tcccccttct | ctggcctggc | ttcttgcctc | gccagcctct | 660 |
| ctgcgaattc | caccacactg | actaagggtc | ttc | | | 693 |

<210> 1875

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(429)

<223> similar to gi675458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1875

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| gcgggtggaat | tccaaaggac | caggcagcct | gtgcagacca | agttttacac | agacgccatg | 60 |
| gtgggtcttcc | atcacgtcaa | cgccctacgaa | gaggacggct | gcacgtgtgt | tgacgtcatt | 120 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gcctacgagg | acaacagcct | ctaccagctc | ttctacctgg | ccaacctgaa | ccaggacttc | 180 |
| aaggagaact | ccaggctcac | ctcgggtccc | accctcagga | ggtttgccgt | gcccctccac | 240 |
| gtggacaaga | atgcagaagt | gggcacaaat | ttaatcaaag | tggatatctac | aacagccacg | 300 |
| gccctgaagg | aagaagatgg | ccaagtctac | tgccagccgg | aatttcttta | tgaaggctta | 360 |
| gagcttccac | gggtcaatta | tgctcacaat | ggaaagcaat | accgatatgt | ctttgctaca | 420 |
| ggagttcagt | ggag | | | | | 434 |

<210> 1876

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(447)

<223> similar to gi438371 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1876

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acacttttgc | tgccgcagct | gccgctgtgt | gtcgtactca | gtccgccgta | agtcagcaaa | 60 |
| tgcagcgtct | ggaacaactc | gttgggaaag | aactgttcgc | tcgtcacggt | cgcaacaaac | 120 |
| tgtaactga | acatggcatt | caacttcttg | gttacgccag | gaaaatcctg | cgttttaatg | 180 |
| atgaggcctg | ctcatcatta | atgttcagta | atcttcaggg | cgtattaact | atcggtgctt | 240 |
| cagatgaatc | tgccgatacg | atcttacctt | tcctgttaaa | tcgcgtgagt | tcggtttatc | 300 |
| cgaaattagc | gctggatgtc | cgcgttaaac | gtaatgccta | tatggcagaa | atgctggaat | 360 |
| cccaggaagt | ggatttgatg | gtaaccaccc | atcgtccttc | agcgtttaag | gcattgaacc | 420 |
| tgcgtaacct | gccaacacac | tggttaggg | actcaa | | | 456 |

<210> 1877

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(471)

<223> similar to gi342116 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1877

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aagtgtccca | actgaactcg | agtcactgtg | gcggaattcg | tccaagctac | tgtgccagtc | 60 |
| ttcatctaca | ccagtaccct | ccagttagcc | gggcccaact | cctacaagga | aatcattgag | 120 |
| aatgcccatg | aagaagactt | tctggaaaac | acatggtctg | ctccatatcc | atacagcaaa | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aagcttgctg | agaaggctgt | gctggcagct | aatgggtgga | ctctgaaaaa | tggtgatacc | 240 |
| ttgtacactt | gtgccttaag | acccatgtat | atctatgggg | aaggaagccc | atttcttact | 300 |
| gccaatataa | atgaggccct | gaacaacaat | gggatcctgt | cgagtgtcag | caagttctcc | 360 |
| acagccaacc | cagtctatgt | tggcaacgtg | gcctgggccc | acattctggc | cttgagggcc | 420 |
| ttgcgggacc | ccaagaaggc | cccaagtgtc | ctaggacagt | tctactatat | | 470 |

<210> 1878
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (65)...(460)
 <223> similar to gi311946 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 1878 | | | | | | |
| cgaggaattc | gctgggaggt | aggcgcgggg | cggtcggctg | cggtggcggc | gtttggatga | 60 |
| ttgtctctcg | gcggcggagt | cggatactgt | ggcgtatgag | gacctgtctg | aggactatac | 120 |
| tcaaaagaaa | tggaaggctc | tcgcactcag | tcagagagcc | ctgcactgga | acatgatgct | 180 |
| ggaaaatgac | cgtagcatgg | cttctttggc | aggtaggaac | atgatggaga | gttcagagct | 240 |
| gactccgaag | caggaaattt | ttaaaggatc | agagtcatct | aatagcacat | cagggggact | 300 |
| ctttgggggtg | gttcctgggg | gaacagagac | tggagatggt | tgtgaagata | ccttcaaaga | 360 |
| gttagaagga | caaccctcaa | atgaagaagg | gagcagacta | gaaagtgatt | tcttgaaaat | 420 |
| aatagatgag | gataagaaaa | aatccacaaa | agacagatat | g | | 461 |

<210> 1879
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (48)...(308)
 <223> similar to gill181665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 1879 | | | | | | |
| cttgtgtctt | ctgcccagct | gtgctgaagt | cccgagggac | atgtccgctg | cttgcgggtc | 60 |
| ggttcctgag | gaattggaag | tgtcacgaga | tgtggccctc | gttgggctgg | cgtcattgg | 120 |
| cctcccttgt | gcctgtgcag | gaggagctga | ttaaactcagt | ggatcatctg | cagctctccc | 180 |
| acatccccga | ggataaagac | caccaggtcc | gaaagctggc | caccagttg | ctggtggacc | 240 |

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| tggcagaggg | ctgccacaca | caccacttca | acagcctgct | ggacatcatc | gagaagggtga | 300 |
| gagccgttgt | acccggggcc | gggtgctagc | gtgccagagc | tccgtgggca | gcaatggcct | 360 |
| ctggggccctc | tgtcctcctc | ttcgagtgac | cggatggctg | tgtccgtagg | tgagggtccc | 420 |
| ctccctgcag | ggtgggtgtc | ccgaggcctg | tgcagggcct | gccactgctg | gatttggtgc | 480 |
| ctgactgaaa | gtcctggaca | tgggtgtcct | gtcacactct | gggacagctg | ggctgggcct | 540 |
| cctggaccga | cgctggagcc | cagacctggg | gctggggctg | gggctttggc | ctgccgtcct | 600 |
| ccctgcccag | ccaacagctt | tgctctttga | ttttcagatg | cattttgggt | tctgcacagt | 660 |
| cactcgggta | taaagggcat | ctttgctttt | gagcaataaa | gatg | | 704 |

<210> 1880

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(434)

<223> similar to gi2660716 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1880

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| caggaattcc | gggcgccacc | cacgcgttcg | atggatcctg | gaagagcgca | agcgggtgat | 60 |
| gcaggaggcc | tgcgccaagt | accggggcgag | cagcagccgc | cgggccgtca | cgccccgcca | 120 |
| cgtgtcccg | atcttcgtgg | aggaccgcca | ccgcgtgctc | tactgcgagg | tgcccaaggc | 180 |
| cggctgctcc | aattggaagc | gggtgctcat | ggtgctggcc | ggcctggcct | cgtccactgc | 240 |
| cgacatccag | cacaacaccg | tccactatgg | cagcgctctc | aagcgcttgg | acaccttcga | 300 |
| ccgccagggt | atcttcgacc | gtctcagcac | ctacaccaag | atgctctttg | tccgcgagcc | 360 |
| cttcgagagg | ctgggtgtccg | ccttcgcgca | caagtttgag | caccccaaca | gctactatca | 420 |
| cccgtcttc | tgcattggcca | tactggcccg | gta | | | 453 |

<210> 1881

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(289)

<223> similar to gi4140400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1881

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|----|
| cataatgtat | agtatttctc | ctgccaaactc | tgaggaaggc | caggaacttt | atgtctgcac | 60 |
|------------|------------|-------------|------------|------------|------------|----|

```

agtcaaggat gatgtgaact tggatacagt acttctccta ccctttttga aagaaatagc 120
agtaagccaa ctggatcaac tgagcccaga ggaacagttg ctgggtcaagt gtgctgcaat 180
cattgggtcac tccttccata tagatttgct gcagcacctc ctgcctggct gggataaaaa 240
taagctactt caggtcttga gagctcttgt ggatatacat gtgctctgct ggtctgacaa 300
gagccaagag cttcctgctg agcccatatt aatgccttcc tctatcgaca tcattgatgg 360
aaccaaagag aagaaga 377

```

```

<210> 1882
<211> 438
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(382)
<223> similar to gi2314829 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1882
gaaaatgttg agccatttcg acaaaaactg tccatgataa tcaaagagga gaaactgtgt 60
ctagctcagc tatacagtgg ggatgaaaca gacctctttt ggaagtcaat gccagaaaat 120
tctcaggcaa gtaggaaaga tatctgccta ccagggaaga aaataaacia agaaagggtg 180
tctgcctttt tatgtgcaaa tgcagacgga actcataaat taaagtcaat cattattgga 240
aaatcaaaac tgcccaaaag tgtgaaagag gacacaagta cattgcctgt gatataataa 300
cccagtaaag atgtttgggt caccagagaa ttgttttcag aatggttttt tcaaaacttt 360
gttcctgagg tccgacattt tcaacttaat gttctaagat ttcatgacga ggacgtcagg 420
gcatgttact ttgacag 438

```

```

<210> 1883
<211> 1019
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (210)...(545)
<223> similar to gi211610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1883
ccttgggcag ctaccgctgc aagtgccggg aaggctacat ccgggaagat gatgggaaga 60
catgtaccag gggagacaaa tatcccaatg actctggcca tgagaagtct gagaacatgg 120
tgaaagccgg aacttgctgc gccacatgct aggagttcta ccagatgaag caaacgcgc 180

```


| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|------|
| tgcagctgaa | gcacaagata | gctctgctcc | ccaacaatgc | agctgacctg | ggcaagtata | 240 |
| tactggtga | caaggtgctg | gcctcaaaca | cctaccttcc | aggacctcct | ggcctgcctg | 300 |
| ggggccagg | ccctcccggc | tcaccaggac | caaagggaag | cccaggcttc | cccggtatgc | 360 |
| caggccctcc | tgggcagccc | ggcccacggg | gctcaatggg | acccatggga | ccatctcctg | 420 |
| atctgtccca | cattaagcaa | ggccggaggg | gccctgtggg | tccaccaggg | gcaccaggaa | 480 |
| gagatggttc | taagggggag | agaggagcgc | ctgggcccag | agggctctcca | ggacccccctg | 540 |
| gttctttcga | cttcctgcta | cttatgctgg | ctgacatccg | caatgacatc | actgagctgc | 600 |
| agggaaaagt | gttcggggcac | cggactcact | cttcagcaga | ggagttccct | ttacctcagg | 660 |
| aatttcccag | ctaccagaa | gccatggacc | tgggctctgg | agatgaccat | ccaagaagaa | 720 |
| ctgagacaag | agacttgaga | gccccagag | acttctaccc | atagcacatc | ccaacaccgt | 780 |
| cacgccaag | gaagagaaag | atcaactcac | ctgcagttaa | accatctaaa | gagaagaaag | 840 |
| accactggag | acctagaaaa | catacatttt | tctcttctct | tctcctgacg | tctctccact | 900 |
| cctcttcttc | caaatacgat | gctattttca | gagtcacctc | ctaggcctgc | agacatgagg | 960 |
| gagtgaatga | ttgattttacc | tgcttctcac | taagagtcca | ttggggaggt | ttgcatagt | 1019 |

<210> 1884

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> similar to gi6002478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1884

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gacaagtgtg | gcaaagggtt | cagtcacaac | tgttaccttc | aagctcacca | gagagttcac | 60 |
| atggggcagc | atctgtacaa | atgtaacgtg | tgtggtaaga | gtttcagtta | cagctcaggg | 120 |
| cttctcatgc | atcagagact | gcacacagga | gagaaaccct | acaaatgcga | gtgcgggaag | 180 |
| agctttggcc | ggagctccga | cctccacatc | catcagaggg | tccacacagg | agagaaacct | 240 |
| tataaatgca | gtgagtgtgg | gaagggttc | cggcggaatt | cagaccttca | cagccaccag | 300 |
| agggtcacac | cgggagagag | gccctacgtg | tgtgacgtgt | gtgggaaggg | tttcatctac | 360 |
| agctccgacc | tccttatcca | tcagaggggc | cacactggag | agaaacccta | taaatgtgct | 420 |
| gagtgtggca | aaggcttcag | ttacagctca | gggcttctca | ttcaccagag | agtcca | 476 |

<210> 1885

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(377)

<223> similar to gi3880799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1885
ttttttaagc aattttccaa attttcagca tgatattaat atttcttcat caaatgaaat    60
catttcttcc cggggcttca ttcagacaac agatgtttct tcctcagcca aaaagaaaat    120
attgttattc caattacgac gcatagctga agactgtcaa attcccctaa tgggtgtataa    180
ccaggcattt atatattttg atcagtatgc tgcaatatta gaagacactg ttagaaatgt    240
attggttgca tcagcagcta tgttcattgt ttccttattg ttaatccctt atccattgtg    300
ttccttgtgg gtgacttttg ctatcggttc tgtgattgta ggggtaacgg gtttcatggc    360
attctggaaa gtcaa                                                    375

```

```

<210> 1886
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(417)
<223> similar to gil469870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1886
ggcagcagaa ctggagacag gccctccact gtgaacaagc ttttgcagct tcccagcacg    60
accattgaaa atatctctgt gtctgtccac cagccacagc ccaaacacat caaacttgct    120
aagcggcgga tacccccagc ttctaagatc ccagcttctg cagtggaaat gcctgggttca    180
gcagatgtca caggattaaa tgtgcagttt ggggctctgg aatttgggtc agaaccttct    240
ctctctgaat ttggatcagc tccaagcagt gaaaatagta atcagattcc catcagcttg    300
tattcgaagt ctttaagtga gcctttgaat acatctttat caatgaccag tgcagtacag    360
aactccacat atacaacttc cgtcattacc tctgcagtc tgacaagctc atcactgagt    420
tctgctaadc caataacaat ggg                                                    443

```

```

<210> 1887
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (11)...(390)
<223> similar to gi5019544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1887
ggcacgaggt aatattttat acatggatga atcagccagt gcagattcaa tcaggatatg      60
tgattttggg tttgcaaaac aacttcgagg agaaaatgga cttctcttaa ctccatgcta      120
cactgcaaac tttgttgac ctgagggttct tatgcaacag ggatatgatg ctgcttgta      180
tatctggagt ttaggagtc ttttttacac aatgttggt ggctacactc catttgctaa      240
tggcccaat gatactcctg aagagatact gctgcgtata ggcaatggaa aattctcttt      300
gagtgggtga aactgggaca atatttcaga cggagcaaag gatttgcttt cccatatgct      360
tcatatggac ccacatcagc cgtatact                                     388

```

```

<210> 1888
<211> 503
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (340)...(453)
<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1888
tggccctcga ggccaacaat tcggcacgag gaaannnnnn nnnnnnnnnn nnnnnnnnnn      60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc ctgaagcatt tcatcaaaga      360
attgtaacag gagatgaaac atggcttctc cagcatgata ctgaagaaaa agcacatttc      420
aagcaaagca gaccagtcca gagcaaaggt tggagaggct ctagtgacaa ctcactcttg      480
tctcatggtc acgaattctt ggt                                     503

```

```

<210> 1889
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (15)...(724)

```

<223> similar to gi2315451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1889

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| ggcacgagga | tatgtcatcg | ccaggcttag | aattgccatc | ttgtgaatta | agtcgccttg | 60 |
| aagaaattgc | agaacttggt | gcatcatctt | taccttcacc | tcttcgtcgt | gaaaaacttg | 120 |
| cactggcact | agaaaatgag | ggttatatta | aaaagctcct | ggagcttttt | catgtgtgtg | 180 |
| aagatttggg | aaatattgaa | ggactgcacc | acttgtatga | aattatcaaa | ggcatctttc | 240 |
| tcttgaatcg | aactgctctt | tttgaagtta | tggttctctga | agaatgtata | atggacgtca | 300 |
| ttggatgttt | agaatatgat | cctgctttat | cacaaccacg | aaaacacagg | gaattttctaa | 360 |
| caaaaacagc | caagttttaa | gaagtgtatt | ccatattcaga | tcctgagctg | aaacaaaaaa | 420 |
| ttcatcagac | atacagagtt | cagtatatata | aagatatggg | tctaccaact | ccttcgggtc | 480 |
| ttgaagaaaa | catgttatca | acacttcact | cttttatctt | tttcaataag | gtagagattg | 540 |
| ttggcatgtt | gcaggaagat | gaaaaatttc | tgacagattt | gtttgcacaa | ctaacagatg | 600 |
| aagcaacaga | tgaggaaaaa | agacaggaat | tggttaactt | tttaaaagaa | ttttgtgcgt | 660 |
| tttcccaaac | gctacagcct | caaaacagag | atgctttttt | caagactttg | tcaaacatgg | 720 |
| gcatattacc | agcttttagaa | gtcatccttg | gcatggatga | | | 760 |

<210> 1890

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(343)

<223> similar to gi3149950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1890

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| ctcatcctta | aagtgcacaga | gtaaattaac | tctaaggccc | catccaggac | tcaagctgtg | 60 |
| tgatttttaca | aaaatgaaaa | ttatattaat | aatcccattg | taaaatccca | aaagaaagtc | 120 |
| aagagactag | cagaaagaca | ggtgggtgat | gggatgtcct | ggacagagcc | tggatcatga | 180 |
| ggtcccatg | tagtgcttgt | actacgcaga | tgtttctctt | tgagctattt | taaaggtgtg | 240 |
| gaaaaagcca | aagcaatgcc | ctctccacgg | atactaaaga | ctcacctttc | cactcagctg | 300 |
| ctgccaccgt | ctttctggga | aaacaactgc | aaggtaagat | accaacagct | ccctgtgaca | 360 |
| gaagggaaag | taagccaacc | aaagcgagtc | ctgcagaccc | caacgcagag | cattcgtgat | 420 |
| cacctttgcc | tctccactgt | ctctgatgct | taccagcaaa | gagaaaacat | aaagttctac | 480 |
| attcagcagg | acattcacct | gaacagtttc | aaataggaca | tgaaggcagg | atccagattg | 540 |
| aatgttttgg | gggaactaga | gacatgggga | ggcagtgagt | gcagtaagcg | tagctgtgaa | 600 |
| atgaagggga | gaagatgggtg | g | | | | 621 |

<210> 1891

<211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(274)
 <223> similar to gi984814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1891

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tatgaatcgt | cacagcactg | agaaaaccca | cctatgtgac | atgtgtggca | agaaattcaa | 60 |
| atcaaaagg | acactgaaaa | gtcacaaact | ccttcacact | gcagatggga | agcagtttaa | 120 |
| gtgcacggtg | tgtgactaca | cagcggccca | gaagccacag | ctgctgcggc | acatggaaca | 180 |
| gcatgtctcc | ttcaagcctt | tccgctgtgc | ccattgccat | tactcctgca | acatatctgg | 240 |
| ctctctgaag | cggcactaca | acaggaagca | ccctaattgag | gagtatgcca | acgtgggcac | 300 |
| cggggagctg | gcagcggagg | tgctcatcca | gcaagggtgt | ttgaagtgtc | ctgtttgcag | 360 |
| ctttgtatat | ggcaccaa | at | gggagttcaa | taggc | | 395 |

<210> 1892
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (49)...(378)
 <223> similar to gi1934912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1892

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctatggaccc | gcagctcatc | ccctgctcac | cacctggcct | ctccttttct | ctgtgtgcag | 60 |
| atctggcagt | gtggtggggt | tctggaaaca | cacccatgtt | cccatgttgg | ccatgttttc | 120 |
| cccaagcaag | ctccctactc | cgcacaacag | gctctggcca | acagtgttcg | tcagctgaa | 180 |
| gtatggatgg | atgaatttaa | agagctctac | taccatcgca | acccccgtgc | ccgcttggaa | 240 |
| ccttttgggg | atgtgacaga | gaggaagcag | ctccgggaca | agctccagtg | taaagacttc | 300 |
| aagtggttct | tggagactgt | gtatccagaa | ctgcatgtgc | ctgaggacag | gcctggcttc | 360 |
| ttcgggatgc | tccagaa | | | | | 377 |

<210> 1893
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> similar to gi3880999 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1893
 atgcgaattg ctagcatcag caaaagtctc accatggttg ctcttgccaa attgtgggaa 60
 gcagggaaac tggatcttga tattccagta caacattatg ttcccgaatt cccagaaaaa 120
 gaatatgaag gtgaaaagggt ttctgtcaca acaagattac tgatttccca ttttaagtga 180
 attcgtcatt atgaaaagga cataaaaaag gtgaaagaag agaaagctta taaagccttg 240
 aagatgatga aagagaatgt tgcatttgag caagaaaaag aaggcaaaag taatgaaaag 300
 aatgatattta ctaaatttaa aacagagcag gagaatga 338

<210> 1894
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(707)
 <223> similar to gi5834394 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1894
 aggcgctggc ctatgctgaa gtggctggac tcccgcccca gtatggcctc tactctgcct 60
 tcatgggctg cttcgtgaat ttcttctctg gcacctcccg ggatgtgact ctgggccccca 120
 ccgccattat gtccctcctg gtctccttct acaccttcca tgagcccgcg tacgctgtgc 180
 tgctggcctt cctgtccggc tgcattccagc tggccatggg ggtcctgcgt ttggctcaca 240
 tctccctca tcctctggga ctgggtggag ccgggaccag ctcgatgtcc cctcttggct 300
 ggccagggtt cctgctggac ttcatttctt acccgcgtcat taaaggcttc acctctgctg 360
 ctgccgtcac catcggcttt ggacagatca agaacctgct gggactacag aacatcccca 420
 ggccgttctt cctgcagggtg taccacacct tcctcaggat tgcagagacc agggtaggtg 480
 acgccgtcct ggggctggtc tgcattgctg tgctgctggg gctgaaactg atgcgggacc 540
 acgtgcctcc cgtccacccc gagatgcccc ctggtgtgctg gctcagccgt gggctgggtct 600
 gggctgccac gacagctcgc aatgcctctg tggctctcctt cgcagccctg ggtgcgtact 660
 ccttcgaggt gactggatac cagcctttca ttctaacagg ggagacagct gag 713

<210> 1895
 <211> 561
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(563)

<223> similar to gi1825636 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1895

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| atcagataat | agtgaataca | gtaaatcaga | aaaaggcaaa | aataaagaaa | aagacagggga | 60 |
| gctagataaa | aaggaaaaat | ctagagataa | agaaagtata | aatataacta | actccaaaca | 120 |
| catacaggaa | gaaaaaaaaat | caagtatagt | agacggtaat | aaagcacaac | atgaaaaacc | 180 |
| cttatccctt | aaagaaaaaa | caaaagatga | acctttgaaa | actccagatg | gaaaagaaaa | 240 |
| agataaaaaa | gataaagata | tagatagata | caaagaacga | gacaaacata | aagataaaaat | 300 |
| tcaaataaat | agcttactca | aactaaaatc | tgaagcagat | aagcctaaac | ctaagtcac | 360 |
| accagcatca | aaagataccc | gacctaaaga | aaagagggtta | gtgaatgatg | atttaattgca | 420 |
| gacaagtttt | gaacgaatgc | taagccttaa | agacctagaa | atagaacagt | ggcacaaaaa | 480 |
| acataaggaa | aaaattaagc | aaaaagaaaa | ggaacggttg | agaaaccgaa | actgtttaga | 540 |
| acttaaaata | aaaaaaaaaa | a | | | | 561 |

<210> 1896

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(421)

<223> similar to gi5912208 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1896

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| ataattttaga | ttgtggactt | agttacaggg | ttattttctta | ccttaaaaaa | ctcagccaac | 60 |
| agaccaaact | agagtcagaa | cgaatactag | catcagtggg | gaagaaacct | ccccaggaaa | 120 |
| ttggaattaa | agtgaaaaat | cattctggag | gtggcatgtc | cttgactcac | aataaaaatt | 180 |
| ttagaaaact | attgaaagaa | atcacagggg | aaactgcact | tagactgaca | gaattgaaca | 240 |
| caaagaatt | tgctggcttc | caaattgggc | tcttaaaca | ggatttgaaa | cctcagacat | 300 |
| acagaaatgc | ttatgatatt | ccccgtagag | gtctttttaga | ccagctgacc | agaatgagat | 360 |
| ccaatctgct | gaaaacgcac | aagtttattg | ttggacaaga | tgaagattcc | cttcataag | 418 |

<210> 1897

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(854)

<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1897

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| aaccatcaga | tccagaggtt | gcaggagatc | ccatatttcc | accggggcca | ccttcttgcc | 60 |
| cagaagttaa | agataaaacg | aagtcaagca | tctcactagg | atggaaacct | ccagccaaag | 120 |
| atggtggcag | cccaatcaaa | ggatacattg | tagaaatgca | ggaagaaggt | actactgact | 180 |
| ggaaaagagt | aaatgaacca | tacaaactta | taactacctg | ggaatgtggg | gggcctaadc | 240 |
| tgaaagagct | cagggaagtac | agattcagag | tgaaagctgt | caatgaagct | ggtgaatctg | 300 |
| aaccaagtga | tacaactggg | gagatccctg | ccactgatat | tcaagaggaa | ccagaagttt | 360 |
| tcattgacat | tggagcacag | gactgtctgg | tttgtaaagc | tggctcacag | attaggattc | 420 |
| ctgctgtcat | caagggacgc | ccaacaccaa | aatcatcttg | ggaatttgat | ggaaaggcaa | 480 |
| agaaagcaat | gaaggatgga | gttcattgaca | taccgaaga | tgcacagctg | gagactgctg | 540 |
| aaaactcctc | agtaattatt | attccggagt | gtaaacgac | tcatacaggc | aaatacagca | 600 |
| tcacagccaa | gaataaagca | ggacaaaaga | ctgcaaattg | cagagttaaa | gtcatggatg | 660 |
| taccaggccc | acccaaagat | ctgaaagtca | gtgatatac | aaggggtagt | tgcagacttt | 720 |
| catggaagat | gccagacgac | gatggaggag | acaggatcaa | aggctatgtt | attgagaaga | 780 |
| ggactattga | tggaaaagcc | tggaccaaag | tcaatccaga | ctgtggaagc | accacatttg | 840 |
| tagtgctga | g | | | | | 851 |

<210> 1898

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(604)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (541)...(1)

<223> similar to gi4589520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1898

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgcacacaga | tccttgctgc | tgcagatgct | ggaatggcta | gtgatgctgt | tgaggcttga | 60 |
| gatgctatct | gaggagtgtt | gtctcttgat | ccgaagttct | ttgggtgtgg | tttctgaggc | 120 |
| attaagggtc | ccctgaatga | ctgcctgggc | ctcagagttc | ttttcttcca | gaaagtctat | 180 |
| ggtttctcgc | aaatccagca | gtcagtgctc | cttctcctcg | gccgtctctg | ccaggtgtcg | 240 |
| caggcgggat | gtcatattca | ccaggctctg | ctcaaaagca | gccaccagat | tagcattggc | 300 |

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| agaaagctga | gacgtcaagg | tggccacttt | ttcctgggat | gattccagtt | ccctacgaag | 360 |
| cttccggatt | tgctcagatt | gcacccctctc | ctcagctgag | gagtaggtgg | aggaggcact | 420 |
| ggaggccagg | gacagcactg | agccgtgaac | atcgtccgtg | gggtctcgga | aggatcctga | 480 |
| ccgaatcatt | cccttgggtc | tctcggccag | ggacaggggtg | ctcccccgga | cgcggtgggtc | 540 |
| gaccgggaat | ccggn'gcggt | cctcaggcga | tcaacnaggg | tttcaattnn | ttntctnng | 600 |
| tca | | | | | | 603 |

<210> 1899

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(240)

<223> similar to gi2143260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1899

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| accgggacga | cccacgcgtc | cggaatttta | attctattat | atatgcagac | tttctaaaga | 60 |
| agataaagct | tttttatggg | agaaacgtta | ttattgcttc | aaacacccaa | attgtcttcc | 120 |
| taaaatatta | gcaagcgcgc | caaactggaa | atgggttaat | cttgccaaaa | cttactcatt | 180 |
| gcttcaccag | tggcctgcat | tgtacccact | aattgcattg | gaacttcttg | attcaaagta | 240 |
| agtcaaatac | atattattgc | tcttggttta | ttgtcagttt | ttccagtaag | gtatgttgcc | 300 |
| agaagtattt | cctttccttt | taacatgaaa | gcaattcaat | ataatccaaa | tgtgtaaattg | 360 |
| tatatttata | caaacatatc | ttctgcattg | aagttgtcaa | taaagcattg | catgt | 415 |

<210> 1900

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (411)...(614)

<223> similar to gi4378022 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1900

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cgttttctcg | gggagatgcg | ccgcccgggc | tccctgccag | cggagtgctg | ggccgaggac | 60 |
| agggcgccag | gggtgacagt | gggtgccagg | agagtctcaa | aatcctaagc | tttcagtatt | 120 |
| tgttattgtg | aaagaagtta | attcacctga | aacagaggag | gggcaacctg | agttatcaga | 180 |
| aagtgaacttc | ctggccttcc | cttctttact | gatcagggtc | atgtctgggc | tgggtccagt | 240 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gttccttccc | aaactgtggg | aaatggaggc | ggctgtgtgg | gaacattgac | ccctcagttc | 300 |
| tcccagataa | ttggtcctgt | gatcagaaca | cagcagatgt | gcagtataat | cgctgtgata | 360 |
| ttcctgagga | gacctggaca | gggcttgaga | gtgatgtggc | ctatgcctcc | tacatcccag | 420 |
| gatccatcat | ctgggccaag | caatacggtt | acccctgtgtg | gccaggcatg | atagaatctg | 480 |
| atcctgactt | aggggaatat | tttcttttta | cttcccctct | tgattccctg | ccgtctaagt | 540 |
| accatgtgac | gttttttgga | gaaacagttt | ctcgtgcatg | gatcccagtc | aacatgctaa | 600 |
| agaacttcca | ggagctgtcc | ctggagctat | cagtcatgaa | aaagcgcaga | aatgactgca | 660 |
| gccagaaact | gggggtggcc | ctgatgatgg | ctcaagaggc | agaacagatc | agcattcagg | 720 |
| aacgggttaa | cttgttt | | | | | 737 |

<210> 1901

<211> 918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(920)

<223> similar to gi3413892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1901

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agccgacacc | ctttacagtc | aaattaaaga | agatgtcaaa | aagcgtgctg | tggcactgga | 60 |
| tgaagccatt | tctcaatcaa | ctcagttcca | tgacaagata | gatcagatcc | ttgagagcct | 120 |
| ggaacgcac | gtggaacgtc | tgaggcagcc | accctctatc | tctgcagagg | ttgagaagat | 180 |
| caaggaacag | atcagtgaag | ataagaatgt | gtcagtagac | atggaaaagc | tacagccggt | 240 |
| gtatgaaact | cttaaacaga | ggggagagga | aatgattgct | agatctgggg | ggactgataa | 300 |
| agacatatct | gccaaagctg | ttcaggataa | gcttgaccaa | atggttttca | tttgggagaa | 360 |
| catacacaca | ctggtggaag | agagggaagc | caaactactg | gatgtgatgg | agctagcaga | 420 |
| aaagttctgg | tgtgatcaca | tgtcattgat | agttaccatt | aaagatactc | aagatttcat | 480 |
| ccgggacctg | gaagatcctg | gaattgatcc | ttcagtagta | aaacaacagc | aagaagcagc | 540 |
| agagaccata | aggggaagaa | tagatggact | acaggaggag | ctggatatag | ttattaacct | 600 |
| aggttctgaa | ctcattgctg | catgtgggga | gcctgataaa | cccattgtca | agaagagtat | 660 |
| agatgagtta | aattcagcat | gggattctct | aaataaagct | tggaaagacc | ggattgacaa | 720 |
| acttgaggag | gcaatgcagg | ctgccgttca | gtaccaggat | ggactgcagg | cggtatttga | 780 |
| ctgggtagat | attgcaggtg | gtaaattagc | ttcaatgtct | ccaattggaa | cagatctcga | 840 |
| aactgtcaag | cagcagattg | aagagctaaa | gcaattttaag | tctgaggcct | atcaacagca | 900 |
| gatagaaatg | gaaagact | | | | | 918 |

<210> 1902

<211> 610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(613)

<223> similar to gi407139 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1902

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tcgcggacgc | gtgggtttct | ggtgaagggtg | gaacgtctat | aaccaactta | caatttatgg | 60 |
| gggaagcctt | taagagtatc | catgagaagg | tatcaaaaat | atcagaaact | aggaaatcag | 120 |
| atcaaaaaac | cactgagtca | acagtaacca | gaaaaactga | accaaagct | cctgaaccaa | 180 |
| tttctcaaa | accagtaatt | gttactgggt | tgcaggatac | aactgtttct | tcagacagtg | 240 |
| ttgctaaatt | tgcagttaag | gctactggag | aaccccggcc | aactgccatc | tggaacaaaag | 300 |
| atggaaaggc | cattacacaa | ggaggtaaatt | ataaactctc | tgaagacaag | ggagggttct | 360 |
| tcttagaaat | tcataagact | gatacttctg | acagtggact | ttatacttgt | acagtaaaaa | 420 |
| attcagctgg | atctgtgtcc | tctagctgca | aattaacaat | aaaagctata | aaagatactg | 480 |
| aggcacagaa | agtctctaca | caaaagactt | ctgaaattac | acctcagaag | aaagctgttg | 540 |
| tccaagagga | aatttcccaa | aaagccctaa | ggtctgaaga | aattaagatg | tcagaggcaa | 600 |
| aatctcaaag | | | | | | 610 |

<210> 1903

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(752)

<223> similar to gi5732618 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1903

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tcatgacctt | tgaactctat | gaggaatttc | ttcgagctat | gggccttcag | gagaggaagg | 60 |
| agacaatccg | tggtgtatac | tctgtgattg | atcaactctc | ccgaactcat | ctcaatacac | 120 |
| tggaacgcct | catctttcat | ctagtcagga | ttgctctgca | ggaagacact | aatcgaatgt | 180 |
| ctgctaattg | tttggccatt | gtgtttgcgc | cctgcattct | ccgctgccct | gacaccactg | 240 |
| accactaca | aagtgtacag | gacatcagta | agactaccac | ttgtgtggaa | ctgattgttg | 300 |
| tggaacaaat | gaataaatac | aaggctcgtc | tcaaagatat | cagtagcttg | gaatttgctg | 360 |
| agaataaggc | aaagaccagg | ttgtcactga | ttcgtagatc | aatgggaaag | gggcgtattc | 420 |
| gtcgaggaaa | ctatccaggt | ccatcgtctc | ctgtttagt | tcggttgcc | tctgtgtctg | 480 |
| atgtctcaga | ggagaccttg | actagtggag | cagccatgga | gactgacatc | acagaacagc | 540 |
| agcaagcagc | tatgcagcag | gaggagagag | tactgactga | gcagattgag | aacctacaga | 600 |
| aggagaagga | ggagctaaca | tttgagatgc | ttgtactgga | accccggtgc | tctgatgatg | 660 |
| aaacccttga | gtctgaggcc | tccattggga | ctgctgatag | ctcagagaat | ttgaatatgg | 720 |
| agtctgaata | tgctatctct | gagaaatcag | gtaagtgaac | atggtagacc | aaagactcca | 780 |
| gatttgtttt | gcaaaggagg | aataaagatt | ccaaaactaa | gacaaagtct | tttaaa | 836 |

<210> 1904
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(399)
 <223> similar to gil212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1904

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| aattcgtaat | gctgcccag | aagatggtg | aatttattct | ttaacagtgg | agaatctagc | 60 |
| tggttcaaaa | actgtctcag | taaaagtact | tgtattagat | aaacctgggc | cacctagaga | 120 |
| tctggaagtc | agtgaaatta | ggaaagattc | atgttccctt | acttggaag | aacctactgga | 180 |
| tgatggtggt | tctgttatta | ccaattatgt | ggttgagagg | agagatgttg | ccagcgccca | 240 |
| gtggtcacct | ctctcagcta | catcaaagaa | aaagagtcac | ttcgctaagc | atctgaatga | 300 |
| aggcaaccag | tacctcttcc | gagtagctgc | ggagaaccag | tatggacgtg | gtccttttgt | 360 |
| tgaaacacca | aaaccaatca | aggctttgga | tcctctc | | | 397 |

<210> 1905
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(422)
 <223> similar to gi407139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1905

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atcaatacag | acctaaatgg | cgtattccta | aactgtccca | agatgatctt | gagatagtga | 60 |
| gaccagcccg | ccggcgta | ccttctcctg | attatgactt | ttactaccga | cctagaagac | 120 |
| gttctcttgg | ggacatctct | gatgaagaat | tactcctccc | cattgatgac | tacttagcaa | 180 |
| tgaaaagaac | agaggaagag | aggctgcgtc | ttgaagaaga | gcttgagtta | ggtttttcag | 240 |
| cttcaccccc | aagtcgaagc | cctccacact | ttgagctttc | tagcctacgt | tactcttcac | 300 |
| cacaagctca | tgtcaaggtg | gaggaaacaa | gaaaagactt | caggtattca | acctatcaca | 360 |
| tcccaacgaa | ggctgaagct | agtacaagtt | atgcagaact | gagggaaacg | catgcccag | 419 |

<210> 1906
 <211> 770

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(772)
 <223> similar to gi407139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1906

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| agtaactata | actgtccacc | cagagcctca | tgtaacatgg | tataaatcag | ggcagaaaaat | 60 |
| caaaccaggt | gacaatgaca | agaagtacac | atttgagtca | gacaaggggtc | tttaccaatt | 120 |
| aacaatcaac | agtgtcacta | cagatgatga | cgctgaatat | actgttgtgg | caaggaacaa | 180 |
| atatggtgaa | gacagctgta | aagcaaagct | gacagtaacc | ctacacccac | ctccaacaga | 240 |
| tagtacctta | agacccatgt | tcaaaaaggtt | actggcaaat | gcagaatgcc | aagaaggcca | 300 |
| aagtgtctgc | tttgagatca | gagtgtctgg | catcccccca | ccaacattaa | aatgggagaa | 360 |
| agatggtcag | ccactgtccc | tcgggcctaa | cattgaaatt | atccatgaag | gcttggatta | 420 |
| ttatgctctg | cacatcaggg | acactttgcc | tgaagacacg | ggttattata | gagtcacagc | 480 |
| cactaacaca | gctgggtcca | ccagctgcca | ggctcaccta | caagtggaaac | gcctgaggta | 540 |
| caagaaacag | gaattcaaga | gtaaggagga | gcatgagcga | cacgtacaaa | aacaaattga | 600 |
| caaaaccctc | agaatggctg | aaattcttct | tggaaactgaa | agtgtaccac | tgacacaggt | 660 |
| agctaaagag | gctctgagag | aagctgctgt | cctttataaa | ccggctgtaa | gcaccaagac | 720 |
| tgtaaaaggg | gaattcagac | ttgagataga | agaaaagaag | gaggagagag | | 770 |

<210> 1907
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(807)
 <223> similar to gi407097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1907

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| cgacccacgc | gtccgagaac | gcccacggcc | aggcctcctc | cttcgccaat | ttcctcgctcc | 60 |
| gcacttacct | ggggaaggat | gctggcttcg | attcagagat | cttcaaaaga | tcgacgtttg | 120 |
| gccccagcgt | ggaattcacc | tcggtgctga | agccagtctt | tgctcgtgag | aaggaaccct | 180 |
| tctccctgtc | atgcttgttt | tcggaagatg | tgtagatgc | tgagagcatc | cagtggttcc | 240 |
| gagatgggag | cctactgagg | tctcagagac | gtcgggaagat | cctctacaca | gaccgccagg | 300 |
| catccctgaa | ggtgtcctgc | acctacaagg | aggacgaggg | gctctacatg | gtccgggtgc | 360 |
| cctcgccctt | cggaccccg | gaacagagca | cctacgtgct | tgtgagagat | gccgaggccg | 420 |
| agaaccccg | ggccccaggc | tccccactga | acgtccgatg | cctggatgtg | aacagagact | 480 |
| gcctcatcct | gacttggggc | ccgcccagtg | acacccgggg | caaccccatc | actgcctaca | 540 |
| ccattgagcg | gtgccagggc | gagtcctggg | aatggatcgc | ctgccatgag | gccccgggag | 600 |
| ggacttgctg | gtgcccaatc | caaggcctcg | tcgaaggcca | gagctatcgg | ttccgggtga | 660 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gagccatcag | cagggtaggc | agcagcgtcc | cctccaaggc | ctcagagttg | gttgtcatgg | 720 |
| gtgaccatga | tgagcccgg | aggaagacag | agatcccctt | tgatctggga | aacaagatca | 780 |
| ccatcagcac | agacgctttt | gaagatactg | tgg | | | 813 |

<210> 1908
 <211> 1279
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(1182)
 <223> similar to gi5821434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|------|
| <400> 1908 | | | | | | |
| agaattttct | attctgctcc | agaaagccga | agaacatgaa | gagtcacaag | gtcctgttgg | 60 |
| tatggaaacg | gagactatta | atcagcagct | taacatgttc | aaggtattcc | agaaagaaaa | 120 |
| gattgaaccc | ttgcaaggta | aacagcaaga | tgtaaaactgg | ttaggtcaag | gccttattca | 180 |
| gagtgtctgc | aaaagcacta | gcactcaggg | cttggagcat | gacctggatg | atgtcaatgc | 240 |
| acgggtggaag | actctcaata | agaaggtggc | tcagcgagca | gccagctgc | aggaggcctt | 300 |
| gctgcactgt | gggaggttcc | aggatgccct | ggagtccctg | ctcagctgga | tggtggacac | 360 |
| tgaggagctt | gtggccaatc | agaagcccc | gtcggctgag | ttcaaagtgg | taaaggccca | 420 |
| gatacaagaa | caaaagcttc | tccagagatt | gttggatgac | cgaaaatcta | cgggtggaggt | 480 |
| aatcaaacga | gaaggagaaa | aaattgctac | aacagcagag | cccgcagata | aagtgaagat | 540 |
| tttgaaacag | ctcagtctct | tggatagcag | atgggaggca | ttgcttaata | aagctgaaac | 600 |
| aaggaatcgt | cagttggaag | gtatctcggt | ggtagcacag | caatttcattg | aaaccttaga | 660 |
| accactgaac | gagtggctta | caaccataga | aaagaggctg | gtgaattgtg | aaccatagg | 720 |
| aaccaagca | tctaaacttg | aggaacaaat | tgacagcac | aaagccttag | aagatgacat | 780 |
| catcaatcac | aataaacatt | tacaccaggc | tgtagcatt | ggcagtcct | taaaggtttt | 840 |
| gagctccagg | gaggataaag | atatggtgca | gagtaaatta | gacttctctc | aagtatggta | 900 |
| cattgagatt | caagagaaaa | gtcacagcag | gtctgagctc | ctccagcagg | ccttatgtaa | 960 |
| tgctaagatt | tttggggaag | atgaagtga | actgatgaac | tggtggaatg | aagtgcata | 1020 |
| caaactgagc | aagctctcag | tccaggatta | cagcactgaa | gggctatgga | agcagcagtc | 1080 |
| tgaacttcag | gttctgcaag | aggacatctt | actcaggaaa | caaaatgtag | atcaggcttt | 1140 |
| actaaatggt | ttagaactac | ttaaacaac | cacaggtgag | atatctttca | aatcacatca | 1200 |
| tcatgtggtc | agcattttat | attgttttca | aaatatttta | gggatgggaa | aaaaccaaaa | 1260 |
| cactttataa | tttttggtg | | | | | 1279 |

<210> 1909
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(740)

<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1909

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aagcgagcca | tgtttgaatg | tgaagtttct | gaacctgaca | tactgtaca | gtggatgaaa | 60 |
| gatgaccagg | aactgcagat | cacagacaga | ataaagattc | agaaggagaa | atatgtccac | 120 |
| cgcttctga | tcccatccac | ccggatgtct | gatgctggga | agtacacagt | ggtggcagga | 180 |
| ggcaacgtgt | caactgcaaa | actctttgta | gaaggcagag | atgttcgcat | ccgaagtatt | 240 |
| aaaaaggagg | ttcaggtcat | tgagaaacag | cgtgctggtg | ttgaatttga | ggtcaatgaa | 300 |
| gacgatgttg | atgcccactg | gtataaagat | ggcattgaaa | tcaatttcca | agttcaagaa | 360 |
| cgacacaaat | atgtagtgga | aagaagaatc | caccgaatgt | ttatctctga | gaccagacag | 420 |
| agcgatgcag | gagaatacac | ctttgtggca | ggaaggaaca | ggagttctgt | cactctctat | 480 |
| gtcaatgctc | ctgaaccgcc | ccaagttctg | caggagctcc | agcctgtcac | tgtgcagtct | 540 |
| ggcaagcctg | cccgttctg | tgccatgata | tccggaagac | cacagcccaa | aatttctctg | 600 |
| tacaaggaag | agcagctgct | ttccactggc | ttcaagtgca | aatttcttca | tgatgggcaa | 660 |
| gagtacacgc | ttttgcta | tgaagccttc | ccagaggatg | cggcagtcta | tacctgtgaa | 720 |
| gccaagaatg | actatggtg | | | | | 739 |

<210> 1910

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(467)

<223> similar to gi3327216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1910

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtgaggacct | gactgtggcc | ctgcaagcag | aggaactgac | cctccagcag | ctgggcaccg | 60 |
| tgggactctg | gcagttcctg | catggacagt | gcccaggtac | atgctttcag | gaatcctcaa | 120 |
| ctttgaagac | tggccacatc | aggccagctg | tgggccttcg | ctttgaggtg | gggcctggag | 180 |
| cagctgttca | ttccccctg | gcctcacaaa | atggcttcct | acatttattg | cttcatggct | 240 |
| gtgacctcga | gctgctcact | tcagtgetca | gtggcctggg | gcccttcttg | gaggatgagg | 300 |
| agatcccggg | ggtagtcccc | atgcagattg | agcttctgaa | ctccagcatc | accctaaagg | 360 |
| atgatatccc | ccccatctat | ccaacatctc | caggccccc | ccccatcact | ctggccatgg | 420 |
| aacatgttgt | gctgaagagg | agtgatgatg | gtgtgttcca | cataggcgct | gctgctcagg | 480 |
| acaaaccatc | agctgaagta | cttaaaagtg | agaagagaca | gccccaaaa | gaacaggtgt | 540 |
| ttttggtgcc | cacaggagag | gtttttgaac | agcaggtgaa | agaactgcct | atcctacaaa | 600 |
| aagaacttat | agaaactaaa | caagccttgg | ccaatgccaa | ccaagataag | | 650 |

<210> 1911
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (27)...(389)
 <223> similar to gi4164366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1911

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| gcggccgcaa | cgtctgcaag | ttcgcgctgc | acagcggcta | cagcagctac | agcctcagcc | 60 |
| gcgcgccgga | cggcgccgcc | ctggccaccg | cgcgcgctc | gccccggcag | gaaaaggatg | 120 |
| gcctccact | tagcaaggct | gggcaggatg | tggttctgca | tctgccaca | gacgggggtg | 180 |
| ttctagacgg | ccgcgagagc | acagatgacc | acgccatcgt | ccagtatgag | tgggcactgc | 240 |
| tgcaggggga | cccgtcagt | gacatgaagg | tgccatcaatc | aggaacctg | aagctgtccc | 300 |
| acctacagga | gggaacctac | accttcacgc | tgaccgtgac | ggacactgcc | gggcagagaa | 360 |
| gctctgacaa | cgtgtcagt | acagtgttc | gcgcagccta | ctccacagga | ggatgttttg | 420 |
| cacacttgct | cacgtacca | cttcttctgt | gacgatggct | gctgcattga | catcacgctc | 480 |
| gcctgcgatt | ggagtgcagc | agtgtcctga | tgggtctgat | gaagacttct | gccagaatct | 540 |
| gggcctggac | cgcaagatgg | taaccacac | ggcagctagt | cctgccctgc | caagaaccac | 600 |
| agggccgagt | gaagatgcag | gggggtgact | ccttggtgga | aaagtctcag | aaagccactg | 660 |
| ccccaaacaa | gccacctgca | ttatcaaaca | cagagaagag | gaatcattcc | gccttttggg | 720 |
| gaccagagag | tcaaattcatt | cctgtgatgc | cgatagtag | ttcctcaggg | aagaacagaa | 780 |
| aagaggaaag | ttatatattt | nagtcaaagg | gtgat | | | 815 |

<210> 1912
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (338)...(245)
 <223> similar to gi307095 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 1912
ggtaaatgca gcaggcacag ccttagctct catgggctta aaaattgggt ggagtacaaa      60
aataaccaga caagtatctg agaaagccaa gctgtgctaa aggttactaa cagacacatg      120
aatctgtgac agcttatgag aggaaagttg atttcagatg ggaggggagg gagcgcttcc      180
cacaagaggg gttgatcatg ctgagatag aaggacaggt aggagctggc cactgcagaa      240
aggaaggctc catcaaatcc aaggccaagg cctccagggt cctgaagtgc tgctgcagca      300
cggnngttctc aaagctgtca cttctgtatg gtgaagcg                               338

```

```

<210> 1913
<211> 663
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (256)...(664)
<223> similar to gi3628757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1913
gcttccattt tactttgttt ttaaactgta aagtggggat aatgactgtt cccatcttag      60
agagtcaatg ggcaaattca gtgagaaaat gtatgtaaaa tatttagctg agttcctgac      120
gtaattcata tgattaatgg taagaagagg tttgcatact tgcttttcaa atgactattt      180
cttgaggtta gatgcgtaat tagatcatgt tgatagact aattttgagt tcaagttaac      240
cttaaccaca ctctatctt atttcagatt tttgggtttc tgatatgctt gggaattatt      300
cttgcaatag gaaattcaat ctgggagagt caaactgggg accaattcag aactttcctc      360
ttttggaatg aaggagagaa gagctctgtg ttctccgat tcttaacatt ctggtcatat      420
attattattc tcaatacagt tgtaccatt tccttatatg tgagtgtgga agtaattcgt      480
ctaggacaca gatattttat aaactgggac cggaagatgt attattctcg aaaagcaata      540
cctgcagtgg ctggaacgac cacgctcaat gaggaactgg ggcagattga gtacattttc      600
tccgacaaaa cgggtaccct cactcaaac atcatgacct ttaaaagatg ctccattaat      660
ggg                                                                                   663

```

```

<210> 1914
<211> 445
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (142)...(446)
<223> similar to gi286103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1914
gaaacctgtc actcttacac atcagacaaa tcctaaaccc catgtgaata gtgtgggtgg      60
ccataattta tatggcttat atcaaatgtc cttatgaatg cttataatta cataaaattt      120
attctttcat ttttatagtc tggtcggcac ttgaagtact ccttgtttaa aaaatcacta      180
ctgggcagtg tttcggataa tggaatagta actctctggg atgtaaatag tcagagtcca      240
taccataact ttgacagggg acacaaagct ccagcgtcag gcatctgttt ttctcctgtc      300
aatgaattgc tctttgtaac cataggcttg gataaaagaa tcatcctcta tgacacttca      360
agtaagaagc tagtgaaaac tttagtggct gacactcctc taactgcggg agatttcatt      420
cctgatggag ccactttggc tattg                                           445

```

```

<210> 1915
<211> 553
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (42)...(424)
<223> similar to gi436228 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1915
acatggttca aagcattcag gtagaactgg aagccgaggg ggaaaagatg cgggtgtccc      60
agcaagaatt actttctgtt gatgaatctg tttacactcc agactctgat gtggccgcac      120
cacagatcaa caggaacctc atccagaagg ctggttacct taatcttaga aacaaaacag      180
ggctggtcac caccacctgg gagaggcttt atttcttcac ccaaggcggg aatctcatgt      240
gtcagcccgag gggagccgtg gctggaggtt tgatccagga cctggacaac tgctcagtga      300
tggccgtgga ttgcgaagac cggcgctact gcttcagat caccacgccc aatggaaaat      360
cggaataaat cctccaggct gagagcagaa aggaaaatga agagtggata tgtgcaataa      420
acaacatctc cagacagatc tacctgaccg acaaccctga ggcagtcgcg atcaagttga      480
atcagaccgc tctgcaagca gtgactccca ttacaagttt tggaaaaaaa caagaaagct      540
catnnnccgg cgc                                                         553

```

```

<210> 1916
<211> 1684
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (118)...(566)
 <223> similar to gi3875451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1916
 attcgtgtc tcacgcatg aggagacgtg taggggccgg gttcggccct ggtgaactct 60
 caccgagcg gtttctcttt cggggacaac atggcgccgt ccacgccgt cttgacagtc 120
 cgaggatcag aaggactgta catggtgaat ggaccaccac attttacaga aagcacagtg 180
 tttccaaggg aatctgggaa gaattgcaaa gtctgtatct ttagtaagga tgggaccttg 240
 tttgcctggg gcaatggaga aaaagtaaat attatcagtg tcactaaciaa gggactactg 300
 cactccttcg acctcctgaa ggcagtttgc cttgaattct caccacaaaa tactgtcctg 360
 gcaacgtggc agccttacac tacttctaaa gatggcacag ctgggatacc caacctacaa 420
 ctttatgatg tgaaaactgg gacatgtttg aaatctttca tccagaaaaa aatgcaaaat 480
 tgggtgccat cctggtcaga agatgaaact cttgtgccc gcaatgttaa caatgaagt 540
 cacttctttg aaaacaaciaa ttttagtatg gaaagattta tgacataatt ttattactta 600
 ctgtaatcgt atacagtttc cattaacttt tatgacatca tagggttttc ctaaatactg 660
 ttaatctatt aatcaataat tactcttaca tacatttgca taattcttta taagtctgaa 720
 ttcagtgaat atctgtaaca caaaggtttt cttttacaat aactttttat tatctgggta 780
 attgctatta agacatttga atatcttttc ctggaattta attgctattg aaattctgtg 840
 acacaaatth tttagatatt ttatcgtgta gaattttaaa cttcagacac ctagtcttag 900
 taaccatcag cttgtggcca atcttatctc atccatacat ctctccagct accatctctt 960
 actaagtga agcaaatccc agatatggtt atacttttat atacttgta aatatgtaat 1020
 tgtaaatatt tcagagtaga tttctgaaga ttggggccct tcatttttta aacttagcca 1080
 caaaaccatt atcacaatatt attaaatatg tgttcaaatt tctactaatt gcaaatgtta 1140
 caattttttt taaaactcgg gatccaaata aggtactgca cattgtggtt gattgatata 1200
 tcttttatgt ttcttttggg cctataagtt cccactctat ctgttatttt attcttcata 1260
 atttattgtt taagaaaciaa gggtatttgt ctttcacgtt ttcccatagt ttgaattttg 1320
 cttttgtatc ccattggtata atttaacatg ttcatctgtc ccctataaat tgcaagttgg 1380
 ctctagagtt tcagcttcag gttctttttt aggtgagtaa gggtaagact acattataag 1440
 gtgatgttca cttctttttt caagaagcac ataagtctct gttgtcttta attttgtagg 1500
 cttagctgac attaatgttt catgcctgga tgcattattt catcagtggt tgcaaatgtt 1560
 tgatactctg gttttttctc cctcacttat ttttcagctg tactgcttct ataaagaaaa 1620
 atttcccctt ctactatttg gttacctagt gctgcattta tatagaaaag gcgggataaa 1680
 tatt 1684

<210> 1917
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (484)...(547)
 <223> similar to gi5354054 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1917
cttatatgat agaaaaggcc gcttctccat ttttcataaa tttgagtatt gaaagggggtt    60
aaattcagggt tggataacat tgcacagtag aaagaaaagt acacttattc tacatataac    120
ctgattaatt tagtatagga gagttacatt ccaccaaaaag aaagtgttcc tgttcatagt    180
cttggggcttt aattacaaat gttgacttcg tgacattttg agatttgaga agtctaagag    240
cagaaagaat tatagtttat attgatcata cataagcatg ttcaaagact gccagatcca    300
tcctgtggaa gaaaagaatg agtgtaagtt atagccctac cagccttatg tttggtggat    360
tcagtctgat cagacatata tttgataaaa atgatgtagc aaaaaaacag gtttgtctta    420
gagaaacata ctactttcta agcttgcctt ctttcttgag attaagtttt ccctccttta    480
acaggacacc ttacaggaaa acatgagaga catttctcca tctcaggatg cccactgtat    540
cataac

```

```

<210> 1918
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3) ... (149)
<223> similar to gi1531548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1918
tagccaagtt taaaatagga tttttgcgtt tgggtcagat tcagaagggt catccagcta    60
tccagcaatt tacagagcaa gaaatttgca gatcaaagtc cattaaatcc ttagctcttc    120
tagaagaact ctacaatagt caagtaagca caattattgt ataataatac taacagttaa    180
tgtccacagc cagaatgagg ggagaaactg tactctggga aatttagtca cattgactgg    240
atttgcacat gattaattta tatgtactat acgaccagtt tattaactta tagtttgcta    300
tttccttctg atctgaaata aggttttg

```

```

<210> 1919
<211> 368
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3) ... (326)
<223> similar to gi4731584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1919

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tgataataa | atctgaagtt | cagttgtggc | tgtaaagag | aattcaggta | ccattgaag | 60 |
| atatacttcc | ttcaaaagaa | gaaaaaagca | agaccccacc | catgttcctg | tgcataaag | 120 |
| tggaagaaacc | aatgagaaaa | tcctttgcca | ctcacactgc | agccatgggc | cagcagtagc | 180 |
| gcaaacggag | aaagcagcca | gagtactggt | ttgctgttcc | tcgggagagg | gtggatcatt | 240 |
| tgtacacatt | ctttgttcag | tggtctccc | atgtctatgg | aaaagatgcc | aaagagcaag | 300 |
| gctttgtggt | ggtggagaag | gaagaactga | acatgattga | caacttcttc | agtgagccaa | 360 |
| caaccaag | | | | | | 368 |

<210> 1920

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (263)...(385)

<223> similar to gi840693 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1920

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| agcacaataa | aagaaaccct | atactaggca | aattattatg | aaatttggtt | taggacacca | 60 |
| gaaataaaga | taatatctaa | aaacttttta | gaatcgcta | ggagggatta | ggaatatgaa | 120 |
| tagcatctaa | cttggtggca | gtagaattga | aggtagaagg | tggtaaaaca | tcaccttgaa | 180 |
| agttttgcat | tcagcctaga | attctgtatc | cagttaaacc | atcaatcaag | tgtgaaagta | 240 |
| gggggaaaaa | ctcaaggact | aaaaaaatgt | gctcatgaag | aacatttttt | ttggacatta | 300 |
| cccagaagta | gaagaagctg | atggcaacaa | gcagtgggtg | tttgggtggtg | gatgtgacct | 360 |
| cactccaaca | tacttgaatc | aag | | | | 383 |

<210> 1921

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(394)

<223> similar to gi5689407 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1921

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aatgatccag | tacggtcaaa | gttttgtaaa | atacgtgttt | tgtgccacac | gcttgctagg | 60 |
| aacatggtgt | atattttaac | aatcactacc | cccttgaaga | gctctgactc | aagaaagcgg | 120 |
| aaggctgtga | ttctgactgc | aagggtccat | ccaggggaaa | ccaacagctc | ttggatcatg | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| aaaggcttcc | tagattatat | tttaggaaac | tcaagtgatg | cacagttgct | tcgggacact | 240 |
| tttgtcttca | aggtggtacc | catgctgaat | ccagatggtg | tgattgtggg | aaattatcgc | 300 |
| tgttccttag | ctggacggga | tttaaaccgt | aattatacat | ctctcctgaa | ggaatctttt | 360 |
| ccttctgtat | ggtatacccg | gaacatggtt | cataggtaaa | ataagcctca | aattacctct | 420 |
| gtgcttattt | agtaaacttg | gtagtaacaa | ttttgctccc | acaatctcat | tcatttttact | 480 |
| gtaacttctc | aagatagtct | aactactgta | taactacttt | atTTTTTccc | cgttattcac | 540 |
| aactgtgatt | ctataccttt | ctgtcattat | gccactggat | tc | | 582 |

<210> 1922

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(918)

<223> similar to gi485858 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1922

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttttgataag | aggcaacatg | aagcaagaat | ccagcaaata | gagaatgaaa | ttcactat | 60 |
| gcaagaaaat | ctaaaaagta | tgaggaaaat | ccaaggcctt | acagatctcc | aacttcagga | 120 |
| agctgatgaa | gagaaggaga | gaattctggc | ccaactccga | gagttagaga | aaaagaagaa | 180 |
| acttgaagat | gccaaatctc | aggagcaagt | ttttggttta | gataaagaac | tgaagaaact | 240 |
| aaagaaagcc | gtggccacct | ctgataagct | agccacagct | gagctcacca | ttgccaaga | 300 |
| ccagctgaag | tcccttcatg | gaactgttat | gaaaattaac | caggagcgag | cagaggagtt | 360 |
| gcaggaagca | gagaggttca | gcagaaaggc | agcacaagca | gccagagatc | tcacccgagc | 420 |
| agaagctgag | atcgaactcc | tgagaaatct | cctcaggcag | aagggggagc | agtttcgact | 480 |
| tgagatggag | aaaacagggtg | taggtactgg | agcaaactca | caggtcctag | aaattgagaa | 540 |
| actgaatgag | acaatggaac | gacaaaggac | agagattgca | aggctgcaga | atgtactata | 600 |
| cctcactgga | agtgacaaca | aaggaggctt | tgaaaatggt | ttagaagaaa | ttgctgaact | 660 |
| tcgacgtgaa | ggttcttata | agaatgatta | cataagcagc | atggcagatc | ctttcaaaag | 720 |
| acgaggctat | tggtacttta | tgccaccacc | accatcatca | aaagtttcca | gccatagttc | 780 |
| ccaggccacc | aaggactctg | gtggtggcct | taagtactca | gcctcaactc | ctgtagagaa | 840 |
| accagccctt | gggcagcagg | atgggaagga | aggcagtc | cctccccctg | cctcaggata | 900 |
| ctgggtttat | tctccc | | | | | 916 |

<210> 1923

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (281)...(361)

<223> similar to gi1763238 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 1923
tgtccatggg atgtgttaaa tctctatcat atgtctgtaa aaattcttat ttgtaaaatt    60
tgtagttcta ttgaagatga aaattgcttt taagggaact cattaatctt caaaatttcc    120
atatcattgt caaaagttgt gttataggaa aagattggaa aaggttttgt aagcatcctc    180
tgaattacta tttttgccac tagatcttct aaatgattaa tgaagtttga aatatttagt    240
gtttaggga_ tacaagtaat ctttcgcttt tctcttttca ggggtagact_ taaagtctga    300
aacagaaggt ttcagtgcac caagcagtc aaatgactta ctcgaaaacc tcactcaag      359
```

<210> 1924

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(562)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(545)

<223> similar to gi2739105 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 1924
cttagctatc gcccatcacc gcttctatac aaagaggctg accttttgga cgtgtctggc    60
tgtgatctgt atggtgtgga ctctgtctgt ggccatggca tttcccccg gtttagacgt    120
gggcacttac tcattcatta gggaggaaga tcaatgcacc ttccaacacc gctccttcag    180
ggctaataat tccttaggat ttatgctgct tcttgctctc atcctcctag ccacacagct    240
tgtctacctc aagctgatat ttttcgtcca cgatcgaaga aaaatgaagc cagtccagtt    300
tgtagcagca gtcagccaga actggacttt tcatggctct ggagccagtg gccaggcagc    360
tgccaattgg ctagcaggat ttggaagggg tcccacacca cccaccttgc tgggcatcag    420
gcaaaatgca aacaccacag gcagaagaag gctattggct ttagacgagt tcaaaatgga    480
gaaaagaatc agcagaatgt tctatataat gacttttctg tttctaacct tgtgggggcc    540
cctacctggt nggcctgtta t                                     /      561
```

<210> 1925

<211> 484

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(486)
 <223> similar to gi337485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1925
 ggggtgtggc caagggcacc acccccttga aaaccgtagt agcatgacta tcgccaagct 60
 tggcacgagg ccagagcatg aggcccacag tgttgtgcca atggaggatg ttgcctggga 120
 gtacaagtgg gaacttcatg aggccctcga acatctgaag aaagagcaag aagaggcctg 180
 gaagcttgaa gttggtgaaa ggaaacgaac tgccacctgg aagatacagg tggaaacccg 240
 aaaacagagt gttgtatggg agtttgaaaa ataccagcga ttactagaga aaaagcagcc 300
 accacatcgg cagctggggg cagaggtagc agcagctctg gccagcctac agcgggaggg 360
 agcggagacc atgcagaaac tggagttgaa ccatagcgag ctcacccagc agagccaggt 420
 cctgtggagg atgattgcag agttgaaaga gaggtcgcag aggcctgtcc gctggatgtt 480
 gcag 484

<210> 1926
 <211> 866
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (85)...(867)
 <223> similar to gi500714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1926
 gggggacttt gagatgtgtg aatattcatc agcatttgct tgtggaacgc tcacctctgc 60
 tttttactct tgccgaaaga ctgtattgat caagtgatga aactacagaa tctgtttgta 120
 gatgattcag gtcgatattt ggctattcaa ttccatctgg aatgggcata tgtgttttta 180
 tattattatg agtacagaaa agcaaaagat cagttggata ttgctaagga catcagccaa 240
 ttacaaattg atttgacagg tgctttggga aaaagaacac ggttcagga aaattatgtg 300
 gcacaactga ttctagatgt aagaaggga ggggatgtcc tttcaaattg tgaattcact 360
 ccagcaccca ctcttcagga acatttaacc aagaatcttg agctcaatga tgacaccatt 420
 ctgaatgaca taaagttagc agattgtgaa cagttccaga tgccggatct gtgtgctgaa 480
 gagatcgcta ttattcttgg aatctgcact aattttcaaa agaataaccc agtgcacaca 540
 ttaactgaag tggagcttct ggcatttaca tcatgtttgc tttcacaacc aaagtctctg 600
 gccattcaga catcagcctt gatcctccgg acaaaacttg agaaaggaag tactcgccga 660
 gtggaacggg caatgaggca gacacaggct cttgcagacc aatttgaaga taaaactaca 720
 tctgtatttg aacgcctgaa gattttctat tgctgtcaag taccacctca ctgggccatt 780
 cagcgccaac ttgcaagttt gctctttgag ttgggatgta ccagttcagc ccttcagata 840
 tttgaaaagc tagaaatgtg ggaaga 866

<210> 1927
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(350)
 <223> similar to gi1916927 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1927

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agctgccctt | cctgggcctg | gggtctgttc | ttccccaggg | catggtgatg | gtgagcccgg | 60 |
| agatgaatcc | taccatctgc | tcggtgtttg | aggcagagat | agtcttactg | ttccatgcc | 120 |
| ccaccttccg | acgaggattc | caggtgacag | tacacgtggg | caacgtacgt | cagacggcag | 180 |
| tggtggaaaa | gatccatgcc | aaggacaaac | tgcgacaggg | cgagaaggca | gtggtacgtt | 240 |
| tccgcttctt | gaaacaccca | gagtacctga | agggtggcgc | caaactgctg | ttccgggagg | 300 |
| gtgtcaccaa | gggcatcggc | catgtcactg | atgtacaagc | cattacagca | ggagaagccc | 360 |
| aggccaacat | gggcttctga | acccttcagg | cagggacagt | tctattgctg | tccctacaat | 420 |
| atataaggtg | acttctggcc | atgctgcctt | gc | | | 452 |

<210> 1928
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(817)
 <223> similar to gi4589524 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1928

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| ggcaagaagc | cactgggcta | ggtacttcaa | cccaaccctt | gacatctagc | gcacgtcttc | 60 |
| ttactgggtt | cagtaactgg | tcagcagcga | tagcgccttc | ctcctctaca | ataatcaatg | 120 |
| aagatgcaag | tttctttcac | cagggagggg | tccttctgct | ttcggcta | aacgggtgctc | 180 |
| tggtgtttca | aaatttcccc | catcatgtca | gccctggctt | tggaggcagc | ttctctcctc | 240 |
| agatcggggc | tctctcacag | caccacccac | atcaccctca | tttccagcat | catcacagcc | 300 |
| agcatcagca | gcaaaggagg | tctcctgcca | gtccccatcc | cccacccttc | acacatagaa | 360 |
| atgctgcttt | taaccagctg | cctcatttgg | cgaataatct | taacaaaccc | ccctctccgt | 420 |
| ggagcagcta | ccagagtccg | tcaccaacac | cctcctcttc | ctggagcccg | ggcgggtggtg | 480 |
| gatatggtgg | ctggggagggt | tcccaaggcc | gagatcaccg | cagagggctg | aatggtggaa | 540 |
| taacgcccct | gaactccatc | tcgcctttga | agaaaaattt | tgcaagcaat | catattcagc | 600 |
| tccagaagta | tgctcgcccc | agctctgctt | ttgcacctaa | atcctggatg | gaagatagct | 660 |
| tgaacagggc | tgacaacatt | tttcttttcc | eggatcgccc | caggacattc | gacatgcact | 720 |

```
cactggagag ttcaactcatt gacataatga gagctgaaaa tgataccatt aaagggcagt 780
cttcaactgtt tccaatggaa gatggattct tgga 814
```

```
<210> 1929
<211> 411
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (12)...(303)
<223> similar to gi2745727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1929
ggcctcgtgc cacttacacc aatggcattg acatgaacat ggtcctaaag ggtttcccag 60
aatgcttaca agcagacatt tgtctacatc tcaaccagac attgctgcaa aactgcaaag 120
cctttcgggg ggcaagtaaa ggttgacctt tagctttggc aatgaagttc aaaaccaccc 180
atgcacctcc aggagacacc ctggttcact gtggggatgt cctcactgca ctttatttct 240
tatccagagg ctccattgaa attctcaaag atgacattgt ggtggctatt ctgggtgagt 300
gttttataag tgcattggtga cagattcagt tattagcttg taatgcatag attaaaatga 360
ttaggaaaaa aagactgatg tatgtattca taagaacagc ttaagatggt g 411
```

```
<210> 1930
<211> 709
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (65)...(585)
<223> similar to gi3878400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1930
aggggacctg cagtcggagg aggctgtggg gactgggtcc aaccgcccct tgcccacaca 60
gtccctgcag tcaactgtcg tggcagactc cgggtgaag ctgcgcacca gcactcctcat 120
caatgccctg ggcagcaaca cctgcctggc caaggtggat ctgagcggca atggcatgga 180
ggacatcggg gccaagatgc tgtctaaggc cctgcagata aactcctccc tcagaactat 240
cctatgggat cggaacaata catctgccct gggcttcctg gacatcgcaa gggccctgga 300
gagcaaccac acgctgcgct tcatgtcctt ccccgtagac gacatctccc aagcctatcg 360
cagcgcgcct gagcgcaccg aggacgtctg gcagaagatc caatggtgct tagtgaggaa 420
caaccactcc cagacgtgcc cccaggagca ggccttcagg ttgcagcagg gctgggtgac 480
```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cagcagcgcc | gagcaaatgc | cgcagcggct | gtgtggacga | gtgcaggagg | aggtgcgggc | 540 |
| cctgagactg | tgccccctgg | agcctgtgca | ggatgagcta | ctctacgctc | gggaccttaa | 600 |
| taaagatgcc | aagaactccc | gggcggggag | ccctccacag | gctacccttc | ccctgaagtc | 660 |
| tggagaaccc | aagaaggccg | accatgctaa | gcatgacag | ccctgccct | | 709 |

<210> 1931

<211> 522

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(522)

<223> similar to gil65506 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1931

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| tacgcgcagc | ttggcacgag | ggcaagtttg | gggcagtctg | tacctgcatg | gagaaagcca | 60 |
| caggccttaa | gctgtcagcc | aaggtcatca | agaaacagac | tcccaaagac | aaggaaatgg | 120 |
| tggtgctgga | gattgaggtc | atgaaccagc | tgaaccaccg | caatctgac | cagctgtatg | 180 |
| cagccatcga | gactccgcat | gagatcgtcc | tggtcatgga | gtacatcgag | ggcggagagc | 240 |
| tcttcgagag | gattgtggat | gaggactacc | atctgaccga | ggtggacacc | atggtgtttg | 300 |
| tcaggcagat | ctgtgacggg | atcctcttca | tgcacaagat | gagggttttg | cacctggacc | 360 |
| tcaagccaga | gaacatcctg | tgtgtcaaca | ccaccgggca | tttgggtgaag | atcattgact | 420 |
| ttggcctggc | acggagggtat | aaccccaacg | agaagctgaa | ggtgaacttt | gggaccccag | 480 |
| agttcctgtc | acctgagggtg | gtgaattatg | accaaattctt | cg | | 522 |

<210> 1932

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(455)

<223> similar to gi4583423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1932

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ggccaggcct | gggaccctgt | tggaactttt | taatgccatg | gatccagaca | gccagataag | 60 |
| atatgaactg | gttcattgacc | cagcaaattg | ggtcagcgtc | gacaaaaact | ccggagtggg | 120 |
| catcaccgtg | gagccaattg | accgagaatc | ccctcatgta | aataacagtt | tttatgtaat | 180 |
| catcattcac | gctgttgatg | atggcttccc | accgcagact | gctacaggga | ccctaattgt | 240 |

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| cttcctgtct | gacatcaatg | acaacgtccc | gactctccgg | ccacgttccc | gctacatgga | 300 |
| ggtctgtgag | tctgctgtgc | atgagcccct | ccacatcgag | gcagaggatc | cggacctgga | 360 |
| gccgttctct | gacccattta | catttgaatt | ggacaatacc | tggggaaatg | cggaggacac | 420 |
| atggaagtgt | gggagaaatt | ggggtgagtt | tttgtattgg | ttacgggcaa | agagtggaaa | 480 |
| atgccagata | tccaattcaa | acagatttag | gcaaaaaagg | actttattag | cttaaaaaaac | 540 |
| cggagaggtc | tgcgttctgg | cagagctggc | tctagggtgct | caaaggatat | ccctggatat | 600 |
| ccttcccaca | catggtctgc | ctttctctag | gttccttctt | ttttaggaaa | ctctcctcct | 660 |
| cacggggtag | gaggctgctg | ggagtccttg | agacat | | | 696 |

<210> 1933

<211> 205

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(193)

<223> similar to gi2058536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1933

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| cgcaccttct | cttcctcctg | ctactctggc | tcccagacac | caccggagac | actgtgttga | 60 |
| cgcagtctcc | agccaccctg | tctttgtctc | caggggagag | agccaccctc | tcctgccggg | 120 |
| ccagtgaag | tgtgggcgac | aactgcttag | cctgggtctca | ccagacacct | ggccaggcta | 180 |
| agcagttgtc | gcgtcgacgc | ggccg | | | | 205 |

<210> 1934

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (400)...(544)

<223> similar to gi2665742 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1934

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ctttctacag | aaccaaaaaac | acagaagttg | agtaataaga | aaggaagtaa | tactgacact | 60 |
| cttagaagag | tactgttaac | acaagcaaag | gtaactatac | taaacatttt | taaagatcag | 120 |
| tggaagagcc | agtctttttc | ctagatttca | gttagataat | tgtaactttt | gtctcaatta | 180 |
| aaaaattttg | gttacttaaa | tttttgcac | attatttgca | tatctttgag | acaacaaaaa | 240 |
| tttgcccttt | tttagnnnnn | nnnnngtgg | ggggatctaa | aagattctta | tatgtaaata | 300 |
| caaatattac | agagaaaagt | aatatgatag | ccaaaatgtg | gattatgagg | atacaaatcc | 360 |
| attaactgat | tactggcaaa | atcagaacaa | tccaatgaca | gcagagctca | aatcaattt | 420 |
| gcagcagtaa | ataccacaca | gaaagaaact | tctcagattg | atggaccatc | tttaaacat | 480 |
| acttacgggt | tcaaagtcag | catacaaaac | ttacaggagg | caaaagcttt | acatgaggta | 540 |
| aaactgcaac | agtaaggaca | catacattgg | gttcagttta | actcctgttt | tattctataa | 600 |
| aacaagtatg | gaattttttt | aacaaggagg | gagtatatgt | aattctatcc | tattaatctt | 660 |
| catcttggtc | tcattttact | attttggata | tttacatggt | tatgtacaat | acataaaact | 720 |
| aaagct | | | | | | 726 |

<210> 1935

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (242)...(393)

<223> similar to gi3015538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1935

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cccattctgg | gcaagccact | agcttggtact | gaatgggtct | tcccaccaac | actgacacat | 60 |
| tgccgtacaa | gattgacctt | cttgacctcat | tggcagcctc | tgagctatt | tgccccaaa | 120 |
| taactttgtc | attatgcact | gccccattgg | aagcatcact | cttttaccta | tagcacttca | 180 |
| tctgccta | tctctgaatc | ttcatccgca | gaacttcaag | gtagaatttg | ctttaaattg | 240 |
| tgagtttgtt | cctgttgaat | ttcatgaaat | cgggcaagt | aaagccagtt | ttaagaagct | 300 |
| gatgagggct | tgtatcccaa | gcaccatccc | tactgactca | gaagtgcact | tcttgaaagc | 360 |
| gctgggagat | tctgagtgg | tcccacaggt | aatgtctgaa | gcagcttctt | tctttataac | 420 |
| tcaaagaaac | ggacgcgtgg | gtcggccggt | cgacgtgctc | atcgaggcgc | tcgaaaaacc | 480 |
| cgcc | | | | | | 484 |

<210> 1936

<211> 1203

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1150)

<223> similar to gi4337110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1936
cccaacatcg cgatagtacc caaggacggg acgggatggg caaacaagca ggatcagcaa      60
gacccaaaga gttccagtgc gacggcctct cagccgccgg agtcgctgcc gcagccgggt      120
ttgcagaaat ctgtctccaa ttgacagaaa ccgacacagt caatcagtca ggagaataca      180
aattcagtgc caggtggacc aaagtcatgg gcacagctga atggaaagcc agtaggacac      240
gaaggtggtt taaggggctc aagccgactg ttatccttct ctcccagga atttccgacg      300
ctgaaagcag ctggagggca ggacaaggct ggcaaagaaa agggcgctct agatctgtcg      360
tatgggccag gaccaagcct ccgccctcag aatgtgacaa gctggaggga gggcggtggg      420
cgacacataa tttctgccac gtctctgagc acctcccca ctgagctggg cagcaggaac      480
tcgagtacgg gagatggagc cccctcctcg gcatgtacca gcgattctaa ggaccctct      540
ctccgcccg ctcagcctgt ccgaaaagg gcttcacagt tcatgggaaa tgtataccac      600
ccacctacat accatgacat gcttcctgt tttatgtgtt cgccgaagtc atcagaaaac      660
caggttacag tggaacgagg ctcttttccc ctctctcagc tccgcctga acctcgagtt      720
ccttttagac agttccagat gaatgaccaa gacggaagaa aaaacaggct gggattgtct      780
cgcccactcc gcccaactaag gcagctggtg gagcgggcac cacggccac cattatcaat      840
gcggaiaaacc tgaagggcct tgacgatctg gagcggcatg ccgatgatgg ctgggcaggc      900
ctccatgaag aagtggacta ttctgagaaa ctgaagtcca gtgatgatga agaggaggaa      960
gaagttgtga aggacggcag gccaaagtgg aacagttggg acctaggag gcagcggcag     1020
ttgtcaatga gctctgcaga cagtgcggac gctaagcgga ctcgagagga agggaaggac     1080
tggtctgaag cagtgggtgc gtcccgtgtg gtccgaaagg cgcccacctc cccacgccct     1140
cccctcccct gctgcagggg ctctggagag aaacaataaa gagattcaca cacaaaaaaa     1200
aaa                                                                1203

```

<210> 1937

<211> 1325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1326)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(1328)

<223> similar to gil1944455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1937
ccaggaagcc cactgtaatt cgaattccag ccaaaccagg aaaatgttta catgaggatc      60
cacaaagtc acctcctctc cctgctgaaa aacctattgg aaacactttc agtacagtat      120
ctggaaagct cagtaatggt gagagaacta gaaacttgga atccaaccac ccaggtcaaa      180
caggaggttt tgtgcgagta ccccaaagg tggcaccgag acctgtgaat ggaaaaacca      240
ttccaactca acagcctcca accaaggtgc cccctgagag accacctccc ccaaagcttt      300
ctgcaaccag aagatctaata aagaaactgc cttttaatcg atcctcttct gacatggatc      360

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ttcagaaaaa | acaaagtaac | ttggcaactg | gactctcaaa | agccaagagt | caagttttta | 420 |
| aaaatcaaga | tccggtgcta | ccccctcgtc | ccaaaccagg | acaccctctc | tacagtaa | 480 |
| acatgctgtc | tgtgcctcat | ggaattgcc | atgaagatat | tgtctctcaa | aaccccgag | 540 |
| aactctcttg | taagcgtggg | gatgtacttg | tgatgctgaa | gcagacggaa | aataattact | 600 |
| tggagtgcc | aaagggagaa | gacactggca | gagttcacct | gtctcaa | aagnttatca | 660 |
| ctccacttga | tgaacatctt | agaagcagac | caaaccctt | ttctccccct | aaggntccaa | 720 |
| gccacgctca | gaagcctgtt | gacagtgggt | ctcctcatgc | tgtcgttctt | catgatttcc | 780 |
| cagcagagca | agttgatgat | ttgaacctca | cttctggaga | aattgtttat | cttctggaga | 840 |
| agatagatac | agattggtac | agagggaa | gtagaaacca | gattggcata | tttctgcca | 900 |
| actatgtcaa | agtgattatt | gatatcccag | aaggaggaaa | tgggaaaaga | gaatgtgttt | 960 |
| catctcattg | tgtaaaggc | tcaagatgtg | ttgctcgtt | tgaatatatt | ggagagcaga | 1020 |
| aggatgagtt | gagtttctca | gaggagaaa | ttattattct | taaagagtat | gtgaatgagg | 1080 |
| aatgggccag | aggagaagtt | cgaggcagaa | ctgggatttt | ccccctgaac | tttgtggagc | 1140 |
| ctgttgagga | ttatcccacc | tctggtgcaa | atgttttaag | cacaaaggta | ccactgaaaa | 1200 |
| ccaaaaaaga | agattctggc | tcaaactctc | aggttaacag | tcttcggca | gaatggtgtg | 1260 |
| aagctcttca | cagttttaca | gcagagacca | gtgatgactt | atcattcaag | aggggagacc | 1320 |
| ggatc | | | | | | 1325 |

<210> 1938

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(724)

<223> similar to gi3873789 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1938

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgacccacgc | gtccgagcga | gactccgtgg | gcgtatgacc | ctccgagcca | gtctatTTTT | 60 |
| caggagcatt | gaactgacca | gttatgttta | tatctgggag | aactacaggc | tgttcaattt | 120 |
| gccttgggat | tctccatgga | cttggtatcc | agccttctta | ggagttgact | ttggctacta | 180 |
| ctggttccat | cgtatggctc | atgaagttaa | tattatgtgg | gccggacacc | aaacacatca | 240 |
| tagttctgaa | gactataact | tatccacagc | actgagacag | tctgtcctcc | agatatatac | 300 |
| ttcctggatt | ttctactctc | ccctggccct | cttcataccc | ccttcagtat | atgctgttca | 360 |
| tcttcaattc | aatcttcttt | accaattttg | gatccataca | gaggtcatca | ataaccttgg | 420 |
| tcctttggaa | ctgattctta | atactcgtag | ccatcatagg | gttcatgatg | gcagaaatcg | 480 |
| ttattgcata | gacaaaaatt | atgctggtgt | tcttattatt | tgggataaaa | tttttgggac | 540 |
| atttgaagca | gaaaatgaaa | aagttgtata | tggcttaaca | catccatta | atacatttga | 600 |
| accaatcaaa | gtgcagttcc | atcacttatt | ttccatatgg | actacattct | gggccacacc | 660 |
| tggattcttc | aataagtttt | ctgtcatatt | taagggaccg | ggatggggtc | caggtaaacc | 720 |
| aagacttggg | ctcagtgaag | aaattcccg | | | | 749 |

<210> 1939

<211> 563

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(564)
 <223> similar to gi4324436 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1939

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| agcgccaagg | gggacaaaagg | cggaaaggat | aaaaagcaga | ttcagacctc | tcccgttccc | 60 |
| gtccgcaaaa | acagcagaga | cgaagagaag | agagagtcac | gcatcaagag | ctactcgcca | 120 |
| tacgccttta | agttcttcat | ggagcagcac | gtggagaatg | tcatcaaaac | ctaccagcag | 180 |
| aaggttaacc | ggaggctgca | gctggagcaa | gaaatggcca | aagctggact | ctgtgaagct | 240 |
| gagcaggagc | agatgcggaa | gacctctac | cagaaagagt | ctaattacaa | caggttaaag | 300 |
| agggccaaga | tggacaagtc | tatgtttgtc | aagatcaaaa | ccctggggat | cggtgccttt | 360 |
| ggagaagagt | gccttgcttg | taaggtggac | actcacgccc | tgtacgccat | gaagacccta | 420 |
| aggaaaaagg | atgtcctgaa | ccggaatcag | gtggcccacg | tcaaggccga | gagggacatc | 480 |
| ctggccgagg | cagacaatga | gtgggtgggc | aaactctact | actccttcca | agacaaaaac | 540 |
| agcctgtact | ttgtgatgga | cta | | | | 563 |

<210> 1940
 <211> 507
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(504)
 <223> similar to gi2224697 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1940

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ggactggcga | accttgtgtg | gcagagctga | cagaggagaa | ctttcagagg | cttcatgctg | 60 |
| agcatgagcg | gcaggccaaa | gagctgtttc | ttcttcgaaa | gacattggag | gaaatggagc | 120 |
| tgcgtattga | gactcaaaag | cagaccctaa | atgctcggga | tgaatccatt | aagaagcttc | 180 |
| tggaaatggt | gcagagcaaa | ggactttctg | ccaaggctac | cgaggaagac | catgagagaa | 240 |
| caagacgact | ggcagaggca | gagatgcacg | ttcatcacct | agaaagcctt | ttggagcaga | 300 |
| aggaaaaaga | gaacagtatg | ttgagagagg | agatgcatcg | aaggtttgag | aatgctcctg | 360 |
| attctgccaa | aacaaaagct | ctgcaaaactg | ttattgagat | gaaggattca | aaaatttcct | 420 |
| ctatggagcg | tgggcttcga | gacctggaag | aggaaattca | gatgctgaaa | tcgaatggtg | 480 |
| ctttgagtac | tgaggaaagg | gtgtatt | | | | 507 |

<210> 1941
 <211> 1007
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> similar to gi487418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1941

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ctgaagatca | caccgatgaa | tgccgatgtg | attgtgctgg | gcctgcagag | caaggaccag | 60 |
| gctgagcagt | ggctcagggg | catccaggaa | gtgagcggcc | tgccttccga | aggagcatct | 120 |
| gaaggaaacc | agtacacccc | ggatgcccag | cgctttaact | gccagaaacc | agatatagct | 180 |
| gagaagtacc | tgctggcttc | agagtatggg | agctccgtgg | atggccaccc | tgagggtcca | 240 |
| gaaaccaaag | acgtcaagaa | gaaatgttct | gctggcctca | aactgagcaa | cctaataaat | 300 |
| ctgggcagga | agaaatccac | ctcactggag | cctgtggaga | ggccctcga | gacatccagt | 360 |
| tacctgaacg | tgctggtgaa | cagccagtgg | aagtctcgct | ggtgctctgt | cagggacaat | 420 |
| cacctgcact | tctaccagga | ccggaaccgg | agcaagggtg | cccagcaacc | cctcagcctg | 480 |
| gtgggctgcg | aggtggtccc | agaccccagc | cccgaccacc | tctactcctt | ccgcatectc | 540 |
| cacaagggcg | aggagctggc | caagcttgag | gccaagtctt | ccgaggaaat | gggccactgg | 600 |
| ctgggtctcc | tgctctctga | gtcaggctcc | aagacagacc | cagaagagtt | cacctacgac | 660 |
| tatgtggatg | ccgatagggg | ctcctgtatt | gtgagtgcgg | ccaaaaactc | tctcttactg | 720 |
| atgcagagaa | agttctcaga | gccaacact | tacatcgatg | gcctgcctag | ccaggaccgc | 780 |
| caggaggagc | tgtatgacga | cgtggacctg | tcagagctca | cagctgcgct | ggagagtttg | 840 |
| gagccagagg | atccttcctc | gagaatcacc | accgtcaaaa | tccagacgga | acagcagaga | 900 |
| atctccttcc | caccgagctg | cccggatgcc | gtggtggcca | ccccacctgg | tgccagccca | 960 |
| cctgtgaagg | acaggttgcg | cgtgaccagt | gcagagatca | agcttgg | | 1007 |

<210> 1942
 <211> 555
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (77)...(503)
 <223> similar to gi4539021 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1942

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| gagcctttcc | atcccagggg | atgcccaggc | atggagaagc | tgcccctggg | atggaaaggc | 60 |
| tccctgccag | caggttcttg | cccacctggc | ccagctcacc | atcctcagca | acttcaccgc | 120 |
| actctccttc | ttcatgggct | tcattggactc | ccacagggat | gccatccctg | actatgaagc | 180 |
| cctagtgggc | cccctgcaca | gcctcctcaa | gcagaagcct | gactggcagt | gggaccagga | 240 |
| gcatgaggag | gccttctctg | ccctgaagcg | agccctgggtg | tctgcctctc | gcctgatggc | 300 |

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ccccaaactcc | cagctgccct | tccgcctgga | ggtgaccgtg | agccacgtgg | ccctgacggc | 360 |
| catcctccat | caggagcact | cagggaggaa | gcaccccata | gcctatacct | caaaacccct | 420 |
| cctccctgat | gaggagagcc | agggcccca | gtcagggggt | gacagcccct | 'atgctgtggc | 480 |
| ctgggccctc | aagcattttt | cccgtgcat | tggagacacc | ccggtggtcc | tggacctttc | 540 |
| ctatgcctcc | cggac | | | | | 555 |

<210> 1943
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(377)
 <223> similar to gi642619 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 1943 | | | | | | |
| gagaaagaat | ccctccattg | ctgttccaat | tgtccttaaa | aggttgaaga | tgaaagagga | 60 |
| agaatggcga | gaagctcaga | gaggctttaa | caaagtatgg | cgagaacaaa | atgagaaata | 120 |
| ctacttgaag | tctctggacc | accaggggat | caactttaaa | cagaatgaca | ccaaggtcct | 180 |
| gaggtctaag | agcttactca | atgagattga | gagtatctat | gatgagaggc | aagagcaggc | 240 |
| tacggaggag | aatgctggtg | tacctgttgg | cccacacctc | tcacttgcgt | atgaagacaa | 300 |
| acaaatactg | gaagatgctg | ctgctctgat | tatccaccat | gtgaagaggc | agacaggcat | 360 |
| tcagaaggag | gacnnnnnnn | nttnnnaaca | ctaaaaaaaa | aa | | 402 |

<210> 1944
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(877)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(867)
 <223> similar to gi3878400 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

```

<400> 1944
gggaattgaa tttacaagat tttagtcac ttgaccacag ggacctaata cctatcattg      60
ctgctctgga atataatcag tggttcacia aactgtcctc taaggatcta aaactgtcca      120
ctgatgtctg tgaacagatc ttgaggggtg tgagtaggtc caatcgactg gaagaattgg      180
tgttggaaaa tgctggactt agaacagatt ttgcacaaaa actggccagt gctctagcac      240
ataatcccaa ctcaggactc cacacaatta accttgctgg caaccactg gaggatagag      300
gtgtgtcctc ttttaagtatt caatttgcca aactcccaaa gggattaaag cacttaattt      360
tatctaaaac ccattatcan cctaaggngg tgaacagcct ttctcagtca ctcagtgccca      420
atccattgac cgcctctacc cttgtccacc tcgacctctc agggaaacgtc cttcgtggag      480
atgacctctc acacatgtat aatttttttg cccagccaaa tgccattgtt catctggatt      540
tatccaatac agaatgttcc ctggacatgg tctgtggagc tcttctccgt ggatgccttc      600
aatatttagc tgtgtcaac ctctccagaa ctgtctctc tcaccggaaa ggaaaagaag      660
tacctccatc tttcaagcaa ttttttagta gttctctggc tttgatgcac atcaaccttt      720
caggcacaaa actgtctcct gagcccttaa aagcactgtt attgggcctg gcttgaatc      780
ataacttgaa aggggtttct ctggatctca gcaactgtga gctgagatca ggagggtgct      840
aagtattaga aggttgcat ggctgaaata cacaac      876

```

<210> 1945

<211> 1080

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (249)...(1083)

<223> similar to gi37261 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1945
cctctactgc agcttcatca tcagattcct ctttctgttc ttgggggtgct tcttcttctt      60
ccatgggctc ctcaacagtt tcagtcttgc tgctccatac ataaatagga aagtttatga      120
actgtgaata ttttttgacg agatttttaa ttgtatccaa ttcaaggtaa tcagatgctt      180
cttcttttaa gacaagggtg attgtcgttc ccgctcctag agtgtttctt cttgggtcag      240
caattacaga aaattcattg gagtcagact cccagattgg ccagtttggt gtcggtttct      300
attcgcctt ccttgtagca gataagggtt ttgtcacttc aaaacacaa aacgataccc      360
agcacatctg ggagtctgac tccaatgaat tttctgtaat tgctgaccca agaggaaaca      420
ctctaggacg gggaaacgaca attacccttg tcttaaaaga agaagcatct gattaccttg      480
aattggatag aattaaaaat ctctcaaaa aatattcaca gttcataaac tttcctattt      540
atgtatggag cagcaagact gaaactgttg aggagcccat ggaggaagaa gaagcagcca      600
aagaagagaa agaagaatct gatgatgaag ctgcagtaga ggaagaagaa gaagaaaaga      660
aaccaaagac taaaaaagt gaaaaaactg tctgggactg ggaacttatg aatgatatca      720
aaccaatatg gcagagacca tcaaaagaag tagaagaaga tgaatacaaa gctttctaca      780
aatcattttc aaaggaaagt gatgacccca tggcttatat tcaactttact gctgaagggg      840
aagttacctt caaatcaatt ttattgttac ccacatctgc tccacgtggt ctgtttgacg      900
aatatggatc taaaagagc gattacatta agctctatgt gcgcctgtga ttcacacag      960
acgacttcca tgatatgatg cctaaatacc tcaattttgt caagggtgtg gtggactcag      1020

```

atgatctccc cttgaatggt tcccgcgaga ctcttcagca acataaactg ctttaagggtga 1080

<210> 1946
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(199)
<223> similar to gil545807 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1946
tagcgcgtct tcccagacca ctcccgctct gggtcgctcg gctggactta agtcacaaca .60
gattatcttt catcaaggca agttccatga gccaccttca aagccttcga gaagtgaac 120
tgaacaacaa tgaattggag accattccaa atctgggacc agtctcggca aatattacac 180
ttctctcctt cttcaggaga gatttgatga aaaaaattat attttggcat catcttgact 240
cttgaactta ctcccagatc agctacaaat ttgtcctatg gcctgaggca ctgaaaacac 300
gacagagctc tgcaataatt tccagtcaga ccagacaacc tagttattcc cttttcccag 360
gtgtcccgtt gacctatatt attgtcaaca acaaggc 397

<210> 1947
<211> 619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (345)...(589)
<223> similar to gil510155 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1947
agaatctctg aggaaaagcg tggtttggtg aactcccatg tttagaacag aaatgttagc 60
atgaacttag ttggccaatg gtcaggcact gccagggttt ataggggtgc caacacataa 120
atgattggtg ggaacctgtg cttttgaggt cagggtcata gtttgagtcc tctgtggggc 180
tagttaaact aagttataaa cccactatgg tataaaaaat ataaaactaa aaaactgccg 240
tattattcct atatatctta ttttatttgc gtgcaaataa atatgactag atttaatttc 300
ctaacatgac tttacattga cattgacctt ttcccttgta aagcattctc cagcagttgc 360
agagggacca agcccacact gtgacaccag acaaaagtca cttccgatca ctaaaagatg 420
cggtagacag actgctctcc taccacgtgt gccagggtc catgccact gaagaagact 480
tgagaaaagt ggacaatgaa tttgagacag ctgtcactca gtcctaaaa aggacccatg 540

```
ctatgcttaa caaatacaga cgcctgctcc tagaagatgc catggcaaaa gtcatgctac 600
tgatatttgc tctttaaaa 619
```

```
<210> 1948
<211> 724
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (217)...(710)
<223> similar to gi2983243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1948
atgacacatt tgaagcctcg aaccgcggcg gaccccgcggt gcgctcgaag ataaccaagc 60
agtcttttaa agaaaagatt tggtgccttg ccaactaata cgacctcatc gagacctctg 120
actgagtgtt gtagtgatgc aggtgactct cctttgaaac ctgtcagctg tccaaaatct 180
aaagcatcag acaagcggag tttacttcca catcacatca ggcagatata tgacgaatta 240
tttcagatac atgtgaaatt gcagtgtgaa actgcagcac aacagaaatt tgctgaagaa 300
cttcaaaagc gagaacgttt tttacttgaa agagaacaac tgcttttcag acatgaaaat 360
gccttgagta aaattaaagg tggtgaagaa gaggttctta caagatttca aattataaaa 420
gagcagcatg atgcagaagt tgaacactta accgaagttc ttaaggaaaa gaataaagaa 480
accaagagac tgaggtcctc ttttgatgca ttgaaagaat tgaatgatac cttaaaaaaa 540
cagttaaatg aagcaagtga agaaaacagg aagatagaca ttcaggctaa aagagttcaa 600
gctcgtttag ataatttaca gaggaagtac gagtttatga caatacagag attgaaagga 660
agttcccatg ctgttcatga aatgaaaagt ttaaaacaag aaaaagcacc agtttcaaaa 720
actt 724
```

```
<210> 1949
<211> 522
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(523)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (63)...(252)
<223> similar to gi3947688 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1949
tttggtaaaa ggctgatttt ggccatagtc ttgagttctc aagtgacgtg tgaaaaacca    60
atgtttccat aggtccttct gtacctccct tagtgaatcc acctctgcct acaacttttc    120
aaccaggagc tcctcatggg cccctccag ctggaggccc acccccagtg agggccctca    180
cgccctgac atcatcatat agagatgtac ccagccctt atttaattca gctgtcaacc    240
aagaaggtaa gtgaaccaag aaacaaagtc aaatcctcaa gttttgactt agggtagaaa    300
gatgaatatt agctgaattc tgtgcattaa aatcacattt tttccagaaa atctagtttt    360
ggttagggat gggctacagg aatttacaat ttaaagttcc tcagggtatt ccctttggcc    420
atccgctggg gctgtgacta cccttgggga aaaagctctt agtgtttttg ttaanttttt    480
tgttgctatg cgggtttttt taaaaatcat gggtattaag gc                    522

```

```

<210> 1950
<211> 466
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (63)...(184)
<223> similar to gi606833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1950
ctccccatag ataccgtcgc cgcacgatcg gaatgaattc cctgggagac ccacgcgtcc    60
gaagatacag acataggctt ttgcggcaca aattgactgt gactgacgga gaatctggag    120
aagaaaaaaa gacaaagcct aaagagcata aagaagtcaa aggcagaaac agaagaaagg    180
gtaagatgtt ttaattctga atgtaaagaa catattggac cagacagtgg cttatgcctg    240
taatcctagc actttgggag gctgaggtgg gcagattgct tgagcccggg agtttaggac    300
cagcctgggc agcatgggga agcctcatct ttatggaaaa tggaagaaat agctgggtgt    360
ggtgggtgtc acctgtagtc ccagctactt gggaggctga ggtgggagga tcacctgagc    420
cccggaggtc aaggctgtag tgagcagcga ttgcaccact gcattg                    466

```

```

<210> 1951
<211> 601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(403)
<223> similar to gi5668703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1951
gcatgagcca gacaatggag cttgctcgga atccacccat gatgcaagag atgatgcgga      60
accaggaccg ggccctgagc aaccttgaga gcatccctgg aggggtataat gccctccgcc      120
gcatgtacac ggacatccag gagcccatgt tcagtgtctc ccgggaacag tttggcaaca      180
atcccttctc ttccctggcc gggaactccg acagctcatc ctcccagcct ctgcggactg      240
agaatcgaga gcccctccct aacccttgga gcccctcgcc cccacactcc caggcccccg      300
gggccggtgg ggagggcacc ggaggatcgg ggaccagcca ggtgcacccg acagtctcga      360
acccttttgg gatcaatgcg gctagcctgg ggtcaggtat gtccctgggat ggaaggagct      420
tagtggggtc accagggcag cccctctgtc ccaggactga atggggttca tactgtctcca      480
ggattttgaa ggcagaggtg agactgtcga ggccacagag ggggctctgc cgtctgggat      540
agtggccggg tgagggctgg ttctggccat gtccctgatat ccctaggagt gacccaagta      600
a                                                                                   601

```

```

<210> 1952
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (43)...(699)
<223> similar to gi212752 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1952
ctagagctct actcctgagg tactggaccg gcattcccgg gctctgcaca agaggggttta      60
gctgggtacc acagggaggg gccccaccca gcctggccac agccagtgac cacctcccac      120
tatgcccatt accccagcgg tatgtgccgc tctcaatcct tttcggaagc tgaaccccag      180
ctgccccagc ctccggtccg agggggaagc agccgggagg ctgtgcagag gggactgaat      240
tcgtggcagc agcagcagca gcagcagcag cagcctcgcc cacctccacg ccagcaggaa      300
agagcccact tggagagtct tgtagccagc agggccagcc ctccagccatt ggcagagacc      360
cccattccca gtctccctga gttcccgca gcagcctccc agcaggagat tgaacagtcc      420
atcgaaaacac tcaatatgct gatgctggac ctggagccag cctccgctgc tgccccacta      480
cacaagtccc agagtgtccc cggggcctgg ccaggggctt ctccactctc ctcccagccc      540
ctctctggat cctcccgtca gtcccatcca ctgaccagat ccagatctgg ctatatcccc      600
agtgggcatt cgttgggaac ccctgagcca gcccacggg cctctctgga gtctgtccct      660
cctggcaggt cttactcacc ttatgactat cagccatgtt tggctggggc taaccaggat      720
tt                                                                                   722

```

```

<210> 1953
<211> 535
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (2)...(516)
 <223> similar to gil786549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1953
 attgtgttat ttcttcactc tgctggtggt ctacatgttg atcaactggc taccgctact 60
 tttggtggag caaggattcc agccatcgca ggcggcaggg gtgatgtttg ccctgcaaat 120
 gggggcggca agcgggacgt taatgttggg cgcattgatg gataagctgc gtccagtaac 180
 catgtcgcta ctgatttata gcggcatggt agcttcgctg ctggcgcttg gaacggtgtc 240
 gtcatttaac ggtatgttgc tggcgggatt tgctcgcggg ttgtttgcga caggtgggca 300
 aagcgttttg tatgccctgg caccgttggt ttacagtctg cagatccgcg caacaggtgt 360
 gggaacagcc gtggcggtag ggcgtctggg ggctatgagc ggtccgttac tggccgggaa 420
 aatgctggca ttaggcactg gcacggtcgg cgtaatggcc gcttctgcac cgggtattct 480
 tgttgctggg ttggcggtgt tgattttggt tgcagcagtc aatgcagttt ccagg 535

<210> 1954
 <211> 179
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(170)
 <223> similar to gi2429509 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1954
 tttttttcac cccaccacca gggggggggg gtcccccccc tccccctcc catatttttt 60
 ttcccccccg agcttttttt ttttgggggg gtgtttttcc cttttttccc ccccccaaa 120
 aagtgttttt tccccaaagc ccccccccg tttttttttt ccccccccta aaaaaaaaa 179

<210> 1955
 <211> 3155
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1155)...(1325)
 <223> similar to gi3712831 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1955

| | | | | | | |
|-------------|------------|-------------|-------------|-------------|-------------|------|
| tttcgtacca | ccaccaccac | gcccagcagt | cagctgcagc | ctctcccaac | ctgactgctt | 60 |
| cacagaagac | tgtaactaca | acttctatga | ttaccacaaa | gacactacct | ctcgtcttga | 120 |
| aagcagcaac | tgcgaccatg | cctgcctctg | tggtggggcca | gagacctacc | attgctatgg | 180 |
| tgaccgccat | caacagtcag | aaggctgtgc | tcagcactga | tgtgcaaaac | acaccagtca | 240 |
| acctccagac | gtctagtaag | gtcactgggc | ctggggcaga | ggctgtccaa | attgtggcaa | 300 |
| aaaacacagt | cactctgcag | gttcaggcaa | cacctcctca | gccccatcaa | gtaccacagt | 360 |
| ttatccccc | tcctagactc | actccacgtc | caaactttct | tccacagggt | cgacccaagc | 420 |
| ctgtggccca | aaataacatt | cctattgccc | cagcaccacc | tcccatgctc | gcagctcctc | 480 |
| agcttatcca | gaggcccgtc | atgctgacca | agttcacccc | cacaaccctt | cccacatccc | 540 |
| agaattccat | ccaccccgtc | cgtgtcgtca | atgggcagac | tgcaaccata | gccaaaacgt | 600 |
| tccccatggc | ccagctcacc | agcattgtga | tagctactcc | agggaccaga | ctcgtgggac | 660 |
| ctcaaactgt | acagcttagc | aagccaagtc | ttgaaaaaca | gacagttaaa | tctcacacag | 720 |
| aaacagatga | gaaacaaaca | gagagccgca | ccatcacccc | acctgctgca | cccaaaccac | 780 |
| aacgggagga | gaacctcag | aaacttgctt | tcatgggtgc | tctagggttg | gtaacacatg | 840 |
| acctatctaga | agaaatccaa | agcaagaggg | aagagcgaaa | aagaagaaca | acagcaaadc | 900 |
| cgggtctacag | tggagcagtc | tttgagccag | agcgtaaaga | gagtgcagtg | acatacctaa | 960 |
| acagcacaat | gcaccctggg | accggaaga | gaggctgtcc | tccaaaatac | aatgcagtg | 1020 |
| tggggtttgg | agcccttacc | ccaacatccc | cccaatccag | tcatectgac | tccccgaaa | 1080 |
| atgaaaagac | agagaccaca | ttcactttcc | ctgcacctgt | tcagcctgtg | tcctgccc | 1140 |
| gccccacctc | cacagacggg | gatattcatg | aggatttttg | cagcgtttgc | agaaaaagtg | 1200 |
| gccagttact | gatgtgcgac | acatgttccc | gtgtatatca | tttggactgc | ttagaccccc | 1260 |
| ctctgaaaac | aattcccaag | ggcatgtgga | tctgtcccag | atgtcaggac | cagatgctga | 1320 |
| agaaggaaga | agcaattcca | tggcctggaa | ctttagcaat | tgttcattcc | tatattgcct | 1380 |
| acaaagcagc | aaaagaagaa | gagaaacaga | agttacttaa | atggagttca | gatttaaaac | 1440 |
| aagaacgaga | acaactagag | caaaagggtga | aacagctcag | caattccata | agtaaatagca | 1500 |
| tggaaatgaa | gaacaccatc | ctggcccggc | agaaggagat | gcacagctcc | ctggagaagg | 1560 |
| taaaacagct | gattgccttc | atccacggca | tcgacctctc | caaacctgta | gactctgagg | 1620 |
| ccactgtggg | ggccatctcc | aatggcccgg | actgcacccc | ccctgccaat | gccgccacct | 1680 |
| ccacgccggc | cccttcccc | tcctcccaga | gctgcacagc | gaactgtaac | cagggggaag | 1740 |
| agactaaata | acagagcccc | tctaggagaa | gccacgggat | cccggcggca | aggagaacag | 1800 |
| aactagaaag | actctagaaa | agcaaagccg | gatttctgga | aagtgcagaa | ttcttttggt | 1860 |
| tctttggttc | cagagagaga | gaagatgctt | gtgccagggtg | gcaccagagt | ttgccaattg | 1920 |
| atccttctta | ttctgtgtgt | acatgcaaag | attggaccat | gttacatgaa | atagtgccag | 1980 |
| ctggagggttc | tttgccagca | ccatgccaa | tgaataata | tatttactct | ctctattata | 2040 |
| caccagtgtg | tgcctgcagc | agcctccaca | gccacgatgg | gtttgtttct | gttttcttgg | 2100 |
| gtggggagca | gggacggg | gagggaggag | agcagggttc | agatccttac | ttgccgagcc | 2160 |
| gtttgttttag | gtagagaaga | caagtccaaa | gagtgtgtgg | gctttcctgt | ttctaaactt | 2220 |
| tcgctactat | aaaacccaaa | aaaggaattg | agatttcacc | aacccagtg | cccagaatag | 2280 |
| ggaaggggag | tggctggagg | gagcagggg | tgggacagtg | tatcaaataa | gcagtattta | 2340 |
| atcacctctg | gcgggggcct | cgtgcaagg | gagactgaca | ccaagaacag | ccagtaggtt | 2400 |
| cttctccctt | gcactctgct | ccctgcgcgg | taacccacc | actcctgaag | cctgccaggt | 2460 |
| ctccttcctt | ccctgcttgg | tgagtgcgc | atctccgtgg | ttatcccgt | gtctcctctc | 2520 |
| caagaacaag | cagagcccgg | gccactggcc | cttgcccaag | gcagggaaga | aggatgtgtg | 2580 |
| tgtccaggaa | ggaaaaaaag | gtggatcagt | gattttactt | gaaaaacaagc | tccatccctt | 2640 |
| ttctatattt | ataagaagag | aagatcttga | gtgaagcagc | acgcgaccca | ggtgtgtgtg | 2700 |
| aattgaatgg | agacgtttct | tttctcttct | tttaattttt | gtttttgttc | ttttttctt | 2760 |
| taaggaaaagt | tttattttac | tgttcatttt | actttcttgg | taacaaaaac | taaaataagg | 2820 |
| aatagaaaag | ctgtttttca | ggctgacagt | ccaattaagg | gtagccaaga | ccttgcatgg | 2880 |
| tagagtagga | atcatagtgt | cagtgaggtc | ccgtgagctc | ttgtgagtc | ttgtgcatc | 2940 |
| gttcgggcac | tgttttttta | tgcaagggca | aaaatccttg | tatctgggga | aaaaaaactt | 3000 |
| ttttttaaat | taaaaaggaa | aataaaagat | attgaggtct | tcctagtgtt | acttaaatta | 3060 |
| agatcaagg | aagaaacatt | gtaaaaaaa | attacaaaag | tgctatttgt | ttcctaaaaa | 3120 |

cagtgatttc tattaanaag gtgtcagaac tggaa

3155

<210> 1956

<211> 691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(689)

<223> similar to gi3372657 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1956

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccggaattcc | ggtaacgttt | cgtagaagac | cgaattcctt | accaagacag | agagagttac | 60 |
| agtcagcctg | catggcatca | tcgtggacct | ccacagcggg | attggaaatg | ggaaaaagat | 120 |
| ggctttaata | atactaggaa | aaacagcttt | ccacattctt | tgaggaatgg | tggtggacca | 180 |
| agaggacgtt | ccgggtggca | taaaggtgtt | gcaggaggct | cctcgacttg | gtttcacaac | 240 |
| catagtaatt | ctggaggtgg | ttggctttca | aatagtggag | cagtagattg | gaatcataat | 300 |
| ggtacaggaa | ggaattccag | ttggctttct | gaaggaacag | gtggcttttc | cagttggcat | 360 |
| atgaacaaca | gtaacggaaa | ctggaaatcc | agtgtacgta | gtacaaataa | ttggaattac | 420 |
| agtggccctg | gagacaaatt | tcaaccaggc | agaaacagaa | attctaactg | tcaaatggaa | 480 |
| gacatgacta | tgctatggaa | caagaaatct | aataagtcaa | acaaatacag | tcacgacaga | 540 |
| tataattggc | agcggcaaga | aaatgacaaa | cttggtacag | ttgccacata | tagaggtcct | 600 |
| tctgaaggat | ttacaagtga | taaatttctt | tcagaaggct | tactcgactt | caattttgag | 660 |
| cagctggaaa | gccaaaccac | taaacaagca | g | | | 691 |

<210> 1957

<211> 550

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(452)

<223> similar to gi406738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1957

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| cccggaccca | cgcgcgcgcc | gcgccacggc | tctccccac | accgccttat | tcgggtcgag | 60 |
| accccggggc | cccggcgcgc | gcctgctgat | gagcggatct | ccggaccccc | cgccagcagc | 120 |
| gataggctag | ctatcctaga | agactatgcg | gaccgcgttg | atgttcagga | gactggcgaa | 180 |
| ggctcagcag | gagcttcagg | agccccagag | aaggctccctg | aaaatgatgg | ctacatggag | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccctatgagg | ctcaaaagat | gatggccgag | atccggggct | ccaaggagac | agcaactcag | 300 |
| cccttgccct | tgtatgacac | accctatgag | ccagaggagg | atggggccac | cccggaaggt | 360 |
| gagggggccc | cctggccccg | ggagtcccg | ctgccagagg | atgatgagag | gccccctgag | 420 |
| gagtatgacc | agccctggga | gtggaagaag | gagcgattt | ccaaagcctt | tgcagttgac | 480 |
| attaaggtca | tcaaagacct | accttggcct | ccacctgtgg | gacagctgga | cagcagcccc | 540 |
| tccctgcctg | | | | | | 550 |

<210> 1958
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> similar to gi212752 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 1958 | | | | | | |
| attgtgcccc | ttggccatcc | atcccaaaga | aggtacgtgc | attacttcag | tggcctgctc | 60 |
| tccggtccca | tcaaaatgaa | caacaagccc | ttgtttctgc | accacgtgat | catgcacggc | 120 |
| atccccaact | ttgagtctaa | aggaggatgt | cggccgtttc | tccgcatcta | ccaggccatg | 180 |
| caacctgtgt | acacatctgg | catctacaac | atcccaggag | acagccagac | tagcgtctgc | 240 |
| atcaccatcg | agccaggact | gctcttgaag | ggagacatct | tgctgaagtg | ctaccacaag | 300 |
| aagttccgaa | gcccagcccc | agacgtcatc | ttcgtgtg | agttccacac | ctgtgccatc | 360 |
| catgacctgg | gggttgtctt | tgggaaggag | gaccttgatg | atgctttcaa | agatgatcga | 420 |
| tttccagagt | atggcaaagt | ggagtttgta | ttttcttatg | ggccagagaa | aattcaaggc | 480 |
| atggagcacc | tggagaacgg | gccgagcgtg | tctgtggact | ataacacctc | cgacccccctc | 540 |
| atccgctggg | actcctacga | caacttcagt | gggcatcgag | atgacggcat | ggaggatggg | 600 |
| aacaaacaga | ataccaatag | ccagtcaatt | ggaagcatct | caggtggcct | ggaggatcaa | 660 |
| tatacctgga | cagacacaca | ctggccttcc | caaagttagg | ccctccaaaa | tgtcaagttg | 720 |
| ccaagccaga | atccaaagct | ttgcactgag | aacttcatgt | tggggctctg | tccccctctg | 780 |
| gagccctgcc | tgggtg | | | | | 796 |

<210> 1959
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(620)
 <223> similar to gi2224713 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1959
gagcggccgc agcgcgctct gctcagcgcc cgggtcaata ggagccagtc cttcgcaggc      60
gtcctcggca gccacgagcg ggggcccagg agtttcccgg tcttcagccc gccggggccc      120
ccacggaagc ccccgcgct ctcccgagtg tccaggatgt tttccgtggc tcacccagcc      180
gccaaagtgc cgcagcccga gcggctggac ctggtgtaca cggcgctgaa gcggggcctg      240
acggcctact tggaagtgca ccagcaggag caagagaaac tccaggggca gataagggag      300
tccaagagga attcccgtt gggcttcctg tatgatctgg acaagcaagt caagtccatt      360
gaacgcttcc tgcgacgact ggagttccat gccagcaaga tcgatgagct gtatgaggca      420
tactgtgtcc agcggcgtct ccgggatggg gcctacaaca tgggtccgtgc ctacaccact      480
gggtccccgg gaagccgaga ggcccgggac agcctggcag aggccactcg ggggcatcgc      540
gagtacacgg agagcatgtg tctgctggag agcgagctgg aggcacagct tggcgagttt      600
catctacgaa tgaaagggg                                     619

```

<210> 1960

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (339)...(419)

<223> similar to gi4102883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1960
tttcgtcggc ttcaccttgg agagccagct tttagagacc ttggagagcc agctctcaga      60
aaatgttcac tcttctgcct gcagttcccc acctggaggg accagcacc cccactcaga      120
cacaccatt cttcagcacc ctaccctaata ctgctgcctc aaatcccttg caccagtggt      180
tttgtggtcc ttggcctagg ttgaaaggac ctcaggctat gcctgtccac cccattacca      240
cagtctaaag agcagtttcc tgccatttat ctgagcatct ctgataaac caggagttcc      300
tgtccaggga ctgagggccc tgcttgcttc cttcctagat ccaagacatc agtgtggaga      360
cagaagacaa caaggagaag aagtcagcca aggatgcctt gcttctgtgg tgccag      416

```

<210> 1961

<211> 533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(535)

<223> similar to gi30266 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1961
gcggtactgc gccggaattc ccgggtcgac ggctgcgaga agacgacaga agggcaagat    60
gcggcgcatc gactgtctcc ggcaggcgga caagggtgtgg cggctggacc tggcatggt    120
catcctgttc aagggcatcc cgctggagag caccgacggc gagcgctgg tcaaggctgc    180
gcagtgcggt caccgggtcc tgtgctgca gccgcaccac attggcgtgg ccgtcaagga    240
gctggacctc tacctggcct acttcgtgcg tgagcgagat gcagagcaaa gcggcagtcc    300
ccggacaggg atgggctctg accaggagga cagcaagccc atcacgctgg acacgaccga    360
cttccaggag agctttgtca cctccggcgt gttcagcgtc actgagctca tccaagtgtc    420
ccggacaccc gtggtgactg gaacaggacc caacttctcc ctgggggagc tgcaggggca    480
cctggcatac gacctgaacc cagccagcac tggcctcaga agaacgctgc cca          533

```

```

<210> 1962
<211> 477
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (91)...(475)
<223> similar to gi8797 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1962
ccgggtcgac gatttcgtaa tgccgtcggt ttcgaaagcg gcggcagcgg cgctgagcgg    60
gtcccccccg cagacggaga agccgaccca ctacagcaca agtgcgcgca gcaccggccg    120
ttcacctgct tccactggca ctctctcaac cagcggcgcc gcaggcccct ccgcaggcgc    180
gacggcacct tcaactacag ccccgacgtg tactgtctca agtacaacga agccaccggc    240
gtgtgccccg acggcgacga gtgtccctac ctgcaccgga cgacggggga cacagaacgc    300
aagtaccacc tgcgttacta caaaacagga acctgcatcc acgagacaga cgcacgtggc    360
cactgctgta agaatgggct gcaactgtgcc ttgcgcacg gccccctgga cctgcggccg    420
cccgtgtgtg acgtcaggga gctgcaggcc caggaagcct tgcagaacgg ccagctg      477

```

```

<210> 1963
<211> 517
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (136)...(437)
<223> similar to gi155625 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1963
cgatcctgct ccggaactcc cgggtcgacg atttcgtgga ggaagagctg ccggaagtag      60
gcggtggagg tggtagcgga gctgacggca gctgccaggg aaaccgaggc gcgggacgca      120
aggccagcag acaggccggc cagaggggtca tctgctccg gcacccagga ggctcgtggt      180
ccgcctttgc ctgggctgag ggtctctggc cccgcagcct ctcttgagg cgggcctgtc      240
cctaagcccc ccaaggggcg ccgcgccgag gggctgcgga gtgggggacg gacgcccccg      300
acccgggaag gggcgtccgg cggggccgga ggagagggct ctccccgctc aggaggtgcc      360
cctgggctgg ggaccgggag tctcaaccc cggactgagg caggggtctc tgggggagag      420
gaatgcacaa ttcctcttat ccccgtcacg actttgttca gatctaataa atgctgaacg      480
ctcatgaccc tcactagtcg atctctcaat ccgcttg      517

```

```

<210> 1964
<211> 879
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(857)
<223> similar to gil212917 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1964
tttcgtggcc atgagggagg atggcggcac cttgggctga ttctctccca aaaagacacc      60
acacctcgtc aacctgaacg aggaccgct gatgtctgag tgctgctct actacatcaa      120
ggatgggata accagagtgg gcagggagga tggcgagagg cggcaggaca ttgttctgag      180
tgggcacttc atcaaggagg agcactgcgt cttccggagc gactccaggg gaggcagcga      240
agctgtggtg accttggagc cctgtgaggg ggcagacacc tacgtcaatg gcaagaaagt      300
cacagagccc agcatcctgc gttcaggaaa ccgcatcatc atgggtaaga gccatgtgtt      360
ccggttcaac caccgccagc agggccggca ggagcgtgag cgcacgcctt gtgcggagac      420
gccagctgag cctgtggact gggccttcgc ccagcgtgag ctgctggaga agcagggcat      480
cgacatgaag caggagatgg agcagaggct ccaggaactg gaggaccagt accgccgca      540
gcgggaggag gccacctacc tgctggagca gcagcggctg gactatgaga gcaagctgga      600
ggctctgcag aagcagatgg actccaggta ctaccggag gtgaacgagg aggaggagga      660
gcccagggat gaagtccagt ggacagagcg ggagtgtgag ctggcgctct gggccttcg      720
gaagtggaag tggtaaccagt tcacgtctct gcgggacctg ctgtggggca acgccatctt      780
cctcaaggag gccaatgcca tcagcgtgga gctgaaaaag aaggtacaat tccagtttgt      840
cctcctgacg gaccctcgtg ccaagcttgg cgtagtcag      879

```

```

<210> 1965
<211> 749
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (84)...(605)
 <223> similar to gi309241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1965
 tttcgtgcgg ctcggcgctc cgggcctggc gttgtggcgc cgcagccctt gccaccttcc 60
 ctgcacctgc cctgcccggc ctcattgtacc gcgcgtgta cgcgttccgc tcggcggagc 120
 ccaacgcgct ggcgttcgcc gcgggcgaga ccttcctggt gctagagcga agcagcgcg 180
 actggtggct ggccgcgcgc gcgcgcagtg gtgagacggg ctacgtgccg ccagcctacc 240
 tgcgccgct gcagggcctg gagcaggatg tcctccaggc cattgaccgg gccatcgagg 300
 ctgtacacaa cacagccatg cgggatgggt gcaagtacag cctggaacag cgtggagtcc 360
 tccagaagct gatccaccac cggaaagaga ccctgtcacg cagaggccct tcagcctcca 420
 gtgttgagtg tatgacctca tcaaccagtg accaccactt ggatgctgct gcagccaggc 480
 agcccaatgg ggtgtgtcga gctgggttcg agcggcagca cagcctaccc agttctgagc 540
 atcttggggc agatggaggc ctcttccaga tcccacttcc atcttcccag atcccaccac 600
 agcctcgccg agcagcacc accacaccgc ccccaccagt gaagcgccga gaccgcgagg 660
 ccctgatggc ctctgggagt ggtggccaca acaccatgcc ctccgggggt aactctgtgt 720
 ccagcggtc ctcagtcagc agttgtatt 749

<210> 1966
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(568)
 <223> similar to gi2047300 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1966
 agataccccc ccgaattccc gggtcgacga tttcgtgagc cctgtggccc ggggaggggc 60
 atctgcata acaccggcgc ctcctacaat tgccactgca accgcggcta ccgctgcac 120
 gtgggcgcgc gggggcgctc gtgcgtggac ctgaacgaat gcgccaagcc ccacctgtgc 180
 ggagcaggcg gcttctgcat caactttccc ggtcactaca agtgcaactg ctaccccggc 240
 taccggtcga aagcctcctg gcctcctgtg tgcaagaca tcgacgagtg ccgggaccca 300
 agctcttgcc cggatggcaa atgcgagaac aagcccggga gcttcaagt catgcctgt 360
 cagcctggct accgcagcca ggggggcggg gctgtcgcg acgtgaacga gtgcgccgag 420
 ggcagcccct gctgcctgg ctggtgcgag aacctcccgc gctccttccg ctgcacctgt 480
 gcccgaggct acgcgcccgc gcccgacggc cgcagttgct tggatgtgga cgagtgtgag 540
 gctggggacg tgtgtgacaa tggcatgtat 570

<210> 1967
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (132)...(412)
 <223> similar to gi3877493 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1967

| | | | | | | |
|--------------|-------------|-------------|-------------|------------|-------------|-----|
| atgggcctgt | ctgtggcggt | ggtctgtccg | tggcgtgggc | cggtccgtgg | cgtagggccgg | 60 |
| tccacagtgt | gggtggaggt | ggacgtgctg | cactgcatgg | tgctgagctg | ccctgcctct | 120 |
| ctggggcagc | caccgtggag | cgggagatgg | agctgcggca | caagaatgag | atgctgcgag | 180 |
| tggagaccga | ggcccgggcg | cgcgccaagg | ccgagcggga | gaatgcagac | atcatccgcg | 240 |
| agcagatccg | cctgaaggcg | tccgagcacc | gtcagaccgt | cttggagtcc | atcaggacgg | 300 |
| ctggcacctt | gtttggggaa | ggattccgtg | cctttgtgac | agaccgggac | aaagtgcag | 360 |
| ccacggtaaa | catattcata | aaacagggct | ggcagggtgg | tgagaggcag | catgtggggg | 420 |
| cctcctggag | ccccaggctc | tgtccctgcc | ggctctgcac | agccctgtag | ctctcccagc | 480 |
| acagagcaaa | cccacgttgt | acctgctggg | ctcggctgct | cctccctcct | tgagctggga | 540 |
| gaaaaaaaaatg | cagttgccag | cctggggccac | acgggtgagac | cccatctcta | cgaagaataa | 600 |
| aacattagct | gggtgtgatg | gtggcgccctg | tggtcctgct | actcgagagg | ctgaggtagg | 660 |
| aggatcactt | aagcccagga | ggtttgggct | gcagtgcagc | aacattgcac | cactgcactc | 720 |
| cattcttggc | gagagaataa | gaccttgtct | caagaaaaaa | atggccaggc | ggtagtggtc | 780 |
| caggcctgta | atcccagcat | tttcggaggc | ggagggtggc | ggatcgcgag | gtccggagat | 840 |
| cgagatcatc | cttggttaaga | agtgaacccc | tgtctctact | aaaaaaaaag | | 889 |

<210> 1968
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (297)...(775)
 <223> similar to gi5901818 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1968

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| agtgtatttta | atttgtgctg | aatacagcat | cttaaaatat | gaattttgtt | caccaacact | 60 |
| tgcaaatcaa | gagatgtaca | ttgatctgga | tttcccactt | aggggaaaga | aatcagatga | 120 |
| tctggcaaca | taactatat | tcccacacag | tggctggagc | tctaatagaa | gctgcaaaat | 180 |
| caaagataca | tcagtacaaa | gtacgagctt | atatccaaat | gaagtctctg | aaagcatgta | 240 |
| aaagggaat | caagtcagtc | atgaatacag | ctggaaattc | cgcaccctct | ctctttctta | 300 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaagcaattt | tgagtactta | agaggtaatt | atcgaaaagc | cgtgaagcta | ttaaatagtt | 360 |
| caaacattgc | tgagcatcca | ggattcatga | aaacaggtga | atgcttgaga | tgcatgttct | 420 |
| ggaataacct | tggttgcac | cattttgcc | tgagcaagca | caatttggga | atattctact | 480 |
| ttaaaaaggc | tctgcaagag | aatgacaatg | tctgtgcaca | gctcagtgc | ggtagcactg | 540 |
| atccaggtaa | aaaattttca | ggaagaccca | tgtgtacgtt | actaaccaat | aagagatatg | 600 |
| agttgctgta | taactgtgga | attcagcttc | ttcacattgg | aaggcctctt | gctgccttcg | 660 |
| aatgtctgat | tgaagctgtt | caggtttatc | atgcaaattc | tcgcctctgg | ctacggctgg | 720 |
| ctgaatgctg | cattgctgcc | aataagggga | cttctgaaca | agaaactaaa | ggccttccca | 780 |
| gcaaaaaagg | aattgtacag | tctattgttg | gtcaaggcta | tcacgtgtaa | atagttttgg | 840 |
| catcacagtc | tatacagaat | actgtttata | atgatgggca | gtcttcggcc | attcctgt | 898 |

<210> 1969

<211> 562

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(563)

<223> similar to gi258856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1969

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| caattttttt | ctcttttctt | aaggatcag | atacacaccg | gacttcaaca | ttctatcata | 60 |
| agacctaccc | aaccctaactg | tttacctctg | gacaatgcc | ccctacctca | gaaactgaag | 120 |
| gaggttgat | attcaacgca | tatggtcgga | aaatggcact | tgggttttta | cagaaaagaa | 180 |
| tgcatgccca | ccagaagagg | atttgatacc | ttttttggtt | cccttttggg | aagtggggat | 240 |
| tactatacac | actacaaatg | tgacagtcct | gggatgtgtg | gctatgactt | gtatgaaaac | 300 |
| gacaatgctg | cctgggacta | tgacaatggc | atatactcca | cacagatgta | cactcagaga | 360 |
| gtacagcaaa | tcttagcttc | ccataacccc | acaaagccta | tattttttata | tattgcctat | 420 |
| caagctgttc | attcaccact | gcaagctcct | ggcaggtatt | tcgaacacta | ccgatccatt | 480 |
| atcaacataa | acaggaggag | atatgctgcc | atgctttcct | gcttagatga | agcaatcaac | 540 |
| aacgtgacat | tggctctaaa | ag | | | | 562 |

<210> 1970

<211> 2171

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(509)

<223> similar to gi3979817 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1970
cacgcgtccg gaaaggaaga ggcggtgaga ggctgcaaag ccccttgcgt gttccgcaga      60
aaccagaaag acctcccctt ccaccaagc ctcagttcct aaactcaggg gcatactctc      120
aaaaacctct tagaaatcag ggagtgggtga ggacactgtc cagctctgcc caagaggaca      180
tcatccggtg gtttaaagag gagcagctac cacttcgagc gggctaccag aaaacctcag      240
acaccatagc cccctgggtt catggaattc tcacactcaa gaaagcaaatt gaacttcttc      300
tgagcacagg catgcccggc agttttctca tccgagtcag tgaaaggatc aaaggctatg      360
ccctgtccta tctgtcggag gacggctgta aacatttcct catcgatgcc tctgcagacg      420
cctacagctt cctgggcgtg gaccagctac agcatgccac cttggcggat ttggtggaat      480
atcacaagga ggaacccatc acttccctgg ggaaggagct ccttctctat ccctgtggtc      540
agcaggacca gctgcctgac tacctggagc tgtttgagtg acagcctcca tcagggtcat      600
cctacagcct ccaagcgggc tttcccctgg acaaatgcca ctgcaacatt tatgtgtgaa      660
gccaaaatca ccctgcagca gagccaatac tgatcaactg aaagtatcca tggagctctc      720
attgacacct cttttctgca caaatactgg aattcaatgt caagagaaaa tgacctctgc      780
tcaaaaggga gaagagcttc aatttcagca agtacctgtc atgaagggtg tgaccttaat      840
gatgtacata aaataaaaca aatgaagaaa tggaaaactt ttagaaatta aggtgtactt      900
gaaaacgagt atctatcata tgaccctgc actccctctg tatcatctca ggaggtttca      960
ggggcctggt gacatgaagt ttggaagttt catgttggct ttggaatggt agcaaaagcc     1020
tttctggct gagatgatgc ttaaaacaca cctcacttat tgtacatggt ggaaccagga     1080
catgagagac atagaaaaac agaagtcag aatgtaaat gaatgagagg cttaacatgc     1140
atgaaaatac agatggacct gcaggaaagt gagcaaacat cgctgagttt gttttcttgt     1200
tcgggagaat ggggcccggg ctggcctggc ctcccctgga tatactctat agtgcaccaa     1260
aaggataaag catctgtaca tgtatTTTTT tattttttat cagaagtgtc tagacaagaa     1320
cagaataagc aggtgttttg gatgctactt gtggttgaat tgtgttcccc caaaatatat     1380
ggtgaagtct taacccccat ccccgatgaat gggaccttgt ttggaaatag ggtctttgca     1440
gatatagtca agatgaggtc acattggatt aggggtgggc ccaaattcaa tgactggcat     1500
ccttaggaga agagagagtt ttggaatatg acacaaatgc agtgggaaga agaccagggg     1560
acaagaggca agttggagtg atgcagccgg aagggaaggg acaccaagga tctccggcca     1620
ccagcagaag ccagcagaga ggcattgggac aggttccccca caagccttag aaggaagcat     1680
ggccctgact tcagaattcc agactccaga actggaagaa taaatgtctg ttgttttaag     1740
ctgcttagtt catgctgagt tcatgctgac ttgttactat agcccagaa agctaataca     1800
gtcgtttatg taattacata acctgacaca caagatcgac ccattcactg ctgcccagtc     1860
caccattttc ataataagtg agaaatggga ggtaagaaaa acattccagc cagtctctgtt     1920
tagccctggg acacatattt gtcccgtcag gaatcttatg ccctcctgga acccccgcgc     1980
acctcagtc agtcccagtc aggcgaacgg cctctggaca gggactgagg tggctttgag     2040
ccactggaga tcatttttct tggaggatgg agattggcta gtacctctgg cctaactgtg     2100
taggtcaata ctcttttaca ttgccttcta ataaaagcag aatgatacag cagtgttggt     2160
aaaaaaaaa a                                     2171

```

<210> 1971

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (162)...(558)

<223> similar to gi3329623 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 1971
ccccggcgac cacgcgtccg aaaaatgaag tccaggacta tgtcagtgtga gaatacctgt      60
ctccccacat ggggtggaact gatcctttca agtgtagcta tgcaccacta gtagatgatg      120
acttccagac cccactgtgt gagaatgggc ctattaccag tgaggatgaa acttcaagta      180
aagaagacat agaaagtgat ggcaaagaaa cattggaaac aatttctaata gaagaacaaa      240
cacctcttct taaaaagatt aaccacaaccg aatctacttc caaagcagaa gaaaatgaaa      300
aagttgattc aaaagtgtgaa gctttcaaga aaccattgag tgtattttaa ggccccttac      360
tacacatcag cccagcagaa gaactgtact ttggaagtac agaatccgga gagaagaaaa      420
ccttaatagt gttgacaaat gtaactaaaa atatagtggc atttaagggtg agaacaacag      480
ctccagaaaa atacagagtc aagccaagca atagcagctg tgacccgggt gcacagtggt      540
atatagttgt gtctccccat ggggggttaa

```

```

<210> 1972
<211> 639
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (43)...(550)
<223> similar to gi296908 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1972
tttgactcgt tgagcaattc ggcacgagct tccgagtgtc atagtaaaca agaactggag      60
gctgatgtca gccataaaga aaccaaaagg aaactcgtag aagcagaaaa ttctaagtca      120
aaaagaaaga aaccaaatga gtattcaaaa aatctggaga agaccaatag gaagtcagaa      180
gaacttagca aaagaaacaa ctcttctggg ataaagctag attcttccaa agattctgga      240
actgaagaca tgctttggac agaaaagtat caacctcaga ctgccagtga acttatagga      300
aatgagttag ctataaaaaa gttacatagt tgggtgaaag actggaaaag aagagctgaa      360
ttggaagaaa ggcagaatct gaagggaaaa agagatgaga aacatgaaga tttctcgggt      420
ggcatagact ttaaaggcag ttcagatgat gaagaagaga gtcgtctttg caatactgtc      480
cttataacag ggccaacagg agtgggaaaa actgctgcag tgtatgcttg tgcccaggag      540
cttggaattta aggttagtaa cagctatgat gagagaatgt taatgtaata attacccttg      600
gattaaaagg aaacataaac cattctccct tcgtttttt

```

```

<210> 1973
<211> 2095
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (267)...(1642)

```

<223> similar to gi9916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1973
ggggaagtct ggagaaggca ttgtttcaat tattaaaagt gtgggggagc tgggcggaac      60
aaacgcgccg actacagagg ctggacgtaa gcttatcggt ggcgcgcggt cgcagcgccg      120
gcccagagttg ccaaaacaaa ggggatttgg tgatggaggc tttgttagaa ggaatacaaa      180
atcgaggggca tgggtggggga tttttgacat cttgtgaagc agaactacag gagctcatga      240
aacagattga cataatggtg gctcataaaa aatctgaatg ggaaggacgt acacatgctc      300
tagaaacttg cttgaaaatc cgtgaacagg aacttaagag tcttaggagt cagttggatg      360
tgacacataa ggaggttgga atgttgcatc agcaggtaga agaacatgaa aaaatcaagc      420
aagagatgac catggaatat aagcaggagt tgaagaaact acatgaagaa ttatgcatac      480
tgaagagaag ctatgaaaag cttcagaaaa agcaaatgag ggaattcaga ggaaatacca      540
aaaatcacag ggaagatcgg tctgaaattg agaggttaac tgcaaaaata gaggaattcc      600
gtcagaaatc gctggactgg gagaagcaac gcttgattta tcagcaacag gtatcttcac      660
tggaggcaca aaggaaggct ctggctgaac aatcagagat aattcaggct cagcttgtca      720
atcggaacaa gaaattagag tctgtggaac tttctagcca atcagaaatt caacacttaa      780
gcagtaaact ggagcgggct aatgacacta tctgtgccaa tgagttggaa atagagcgcc      840
tcaccatgag ggtcaatgac ttggttgga ccagtatgac tgtcctacag gagcagcagc      900
aaaaagaaga aaaattgagg gaatctgaaa aactattaga ggctctgcag gaagaaaaga      960
gagaattgaa ggcagctctt cagtctcaag aaaatctcat acatgaggcc agaatacaaa     1020
aggagaagtt acaagaaaaa gtaaaggcaa ctaacactca acatgctgta gaagctataa     1080
gtttggaatc tgtgagtgc acgtgtaaac agctgagcca agaactaatg gaaaaatatg     1140
aagaactgaa gaggatggaa gcacataaca atgaatacaa agcagagatt aagaagttga     1200
aagaacagat tttacagggt gaacaaagtt acagttctgc actagaagga atgaagatgg     1260
aaatctccca tctaactcag gagttacatc agcgagatat cactattgct tccaccaaag     1320
gttcttcttc agacatggaa aagcgactca gagcagagat gcaaaaggca gaagacaaag     1380
cagtagagca taaggagatt ttggatcagc tggagtcact caaattagaa aatcgtcac     1440
tttctgaaat ggtgatgaaa ttggaattgg gtttacatga gtgttccttg cctgtatctc     1500
cccttgggtc aatagctacc agatttttgg aagaggagga actgaggtct catcacattc     1560
tagagcgctt ggatgcccat attgaagaac taaaaagaga gagtgaagag acagtgagac     1620
aattcacagc cttaaagtag cctcttaaaa aaatcacaaat cttggaaata aaaataaaca     1680
ccaaagagtt actgtcatct gaagtagcag ctctttaaaa acatgaagag ataaaattat     1740
aaaaatgata catctaaagc agtggatgaa aaagctgaaa aactgatact tttgataggc     1800
atthttctct cactgggttt tttaaaggac ttcttcagc aataagttga aagaataaac     1860
cactttgcta gacttttttc tcatacgaat atttattatc ataaagtgat acttaccttg     1920
ctgacttaaa tgtgaatagc tatgtactaa ttgaaataag gattttatga tacatgttga     1980
aaataaagta actgcaggaa ctttcttttag gggaaatgtg tagaagcatg gathtagggg     2040
tcaaacatac ctggatcgat agactggttt tgccacttac cagccaacgg ggctt         2095

```

<210> 1974

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(468)

<223> similar to gi414115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1974
attgaccgc cctgaattgt cccccgctgc aggaattcgg cacgagaaag aaagaaagac 60
caagctccaa tatgaaaaaac agatggagga aagacagaga aagctgaagg agcgaaaaaga 120
gaaagaagaa caacggagaa tagctgcaga agaaaaaaga caccagaagg atgaagcaca 180
aaaggaaaaa ttacagcca ttctttatcg tactttggaa cggaggagac ttgctgatga 240
ttatcagcaa aaaagatggg catggggagg ctctgcaatg gcgaattctg agagcaaaac 300
tgccaataaa cgatctgcat ctactgaaaa acttgaacag ggtacttctg ctttaatcag 360
acaaatgcct ttgtcatctg caggccttca aaattccgtt gccaaaagga aaacagacaa 420
ggagagaagc tcatctttaa atagaagaga tagtaacctt cattcgtct 469

```

```

<210> 1975
<211> 467
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (50)...(469)
<223> similar to gi3873679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1975
gggtttcata gatcgtcgtg ggcattccgc acgaggcgag aggtactacg tgcccgaagg 60
agagtgtcgc ccagtgtgtg aagatccagt gtatcctttt aataatcccg ctggctgcta 120
tgccaatggc ctgaccttg cccacggaga ccggtggcgg gaagacgact gcacattctg 180
ccagtgcgtc aacgggtgaac gccactgcgt tgcgaccgtc tgcggacaga cctgcacaaa 240
ccctgtgaaa gtgcctgggg agtggtgccc tgtgtgcgaa gaaccaacca tcatcacagt 300
tgatccacct gcatgtgggg agttatcaaa ctgcactctg acaggggaagg actgcattaa 360
tggtttcaaa cgcgatcaca atgggtgtcg gacctgtcag tgcataaaca ccgaggaact 420
atgttcagaa cgtaaacaa gctgcacctt gaactgtccc ttcggtt 467

```

```

<210> 1976
<211> 503
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(506)
<223> similar to gi220637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1976
ccggggagaa gccttacgag tgcagcgact gcgggaaagc cttcaacgac ccttcagccc 60
ttaggagcca cgcaagaact cacctcaaag agaagccctt tgactgcagt cagtgtggaa 120
atgcattccg gaccctctcg gccctgaaaa tccacatgcg agttcacact ggcgagaggc 180
cttacaagtg tgatcagtgc ggggaaggctt acggccggag ctgccacctc atcgcacaca 240
agagaacgca caccggagag aggccctacg agtgtcacga ctgtgggaaa gctttccagc 300
acccctccca cctcaaagag cacgtgagga atcacacggg ggagaagccc tacgcgtgca 360
cgcagtgcg caaagccttc cgctggaagt ccaactttaa tttgcacaag aagaaccaca 420
tgggtggagaa gacctacgaa tgtaaagaat gcgggaaatc ctttggcgat ctcgtgtccc 480
ggaggaaaca catgaggatt cac 503

```

```

<210> 1977
<211> 870
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(873)
<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1977
gcacgagcta cagcagctgt ggggaagtgt tccttaatca gtcatacctt caggcacgtg 60
cggaagtca caacggagaa gaaacatgga aatggaagcc gtgtgggaaa gctctaactc 120
actccatggg ctgcgccaca cctgttgaaa tgcatgccgt caggaatccc cacgtatgta 180
gggaatgtgg gaaggccttt aggtacactg cctaccttac tggtcgcgtg caagtccacc 240
ctggggaaaa gccctgtgaa ttggaagaat gtggaaaagc ctcccctgtt tcttccagcc 300
taactcaaca tgtaagaatt catgctgcag agaaaccctg tgaatgtaaa gaatgcgga 360
aagccttcac tggactctca ggtctttcta aacacgtcca aacagaccct ggaçagaagc 420
cctatgaatg taaggactgt gggaaagcct gcggtgggtt ttatctactg aatgagcatg 480
gaaaaactca cagaggggag aagccctttg catgtgtggt ttgcggaaaa tatttttagaa 540
attcctcatg ccttaataat catgttcgaa ttcacactgg aataaaaccc tatacatgca 600
gctactgtgg gaaggccttc actgtgcgct gtggccttac tagacacgta cgaacacaca 660
cgggcgagaa gccatacacg tgtaaggact gcgggaaagc cttctgtaca tcctcggggc 720
ttactgagca tgtaaggact cacactggag agaaaccata tgaatgtaaa gattgtggga 780
aatccttcac tgtttcttca agcctgactg agcacgcaag aatccatacc ggagagaaac 840
cctacgaatg taagcagtgt ggcaaagcct 870

```

```

<210> 1978
<211> 473
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (6)...(476)
 <223> similar to gi5410330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1978

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| ccgcgctgca | ggaattcggc | acgagagata | gtgtgtatgg | actagaactg | caccgcgata | 60 |
| agagagtttt | agcgctagag | atccttcctg | agagagtgcc | aactcctcgt | atcgattcac | 120 |
| gactggcaga | ttccctgatt | ggcaaggcag | tggagcatgt | gtttgaagggt | gaacatggta | 180 |
| ccaaggatga | atggaagggt | atggtcctgg | cgcgagctcc | tgtgatggat | acttgggtttt | 240 |
| acatcaccta | cgagaaagat | cctgttctct | atatgtacac | gctgcttgat | gactacaaag | 300 |
| atggtgactt | acgcattatt | ccagattcca | actactattt | ccctacagca | gaacaggagc | 360 |
| ctggagaggt | ggtcgacagt | ctcgtgggca | agcaggtgga | gcatgccaaa | gatgacgggt | 420 |
| ccaagagaac | tggcattttt | atacatcaag | tggtggcgaa | gccatctgtt | tac | 473 |

<210> 1979
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (62)...(862)
 <223> similar to gi3184082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1979

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| ggaattcctg | ttggaagaat | ttagacaaac | tcagcaagtt | cctccaaaca | aaatagatta | 60 |
| tgaatatagt | gaattgatat | tataccagaa | tcaagtgatg | agagaggcag | atctgttgca | 120 |
| ggaatctttg | gaacatatag | aaatgtatga | gaaacaaata | tgtgataaac | ttttgggtgga | 180 |
| agaaattaaa | ggggaaatac | tggtgaaatt | gggaagatta | aaagaagcca | gtgaagtgtt | 240 |
| caaaaacttg | attgatcgaa | atgcagaaaa | ctgggtgttat | tatgaaggct | tggaaaaagc | 300 |
| tctacaaatt | agcacttttag | aagagaggct | tcaaatttat | gaagaaatta | gtaagcagca | 360 |
| ccccaaagca | attacaccca | gaagattacc | tttgactctt | gtcccagggt | aaagatttag | 420 |
| agaactaatg | gataagttcc | tgaggggttaa | cttcagtaaa | ggctgcccac | ccttggtttac | 480 |
| tactttgaaa | tcttttatatt | acaatacaga | aaaggtttct | ataatccagg | aacttggttac | 540 |
| taattatgaa | gcctctctta | aaacgtgtga | cttttttagc | ccatatgaga | atggggagaa | 600 |
| ggaacccccg | acaacactac | tctgggttca | gtatttcctg | gcacagcact | ttgataaaact | 660 |
| tggacagtat | tctttggctt | tggattatat | taatgctgca | attgctagta | ctccaactct | 720 |
| aatagaatta | ttctatatga | aagcaaaaat | ttacaagcat | ataggtaatc | tcaaagaagc | 780 |
| tgcaaagtgg | atggatgaag | cacagtcttt | ggacacagct | gatagattca | tcaattccaa | 840 |
| atgtgcaaaa | tacatgcttc | | | | | 860 |

<210> 1980
 <211> 637
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(425)
 <223> similar to gil255796 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1980

| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| gtgcttcagt | tgctgcactc | cacgagcgac | gtgggtgcggc | agtacatggc | caggctcatc | 60 |
| aatgcttttg | cgctcactgg | agaaggctcg | ctctaccttg | cccagaacac | aaagggtgctg | 120 |
| cagatgctgg | aggggaaggct | gaaggaggag | gacaaggata | tcatcaccag | ggagaatgtt | 180 |
| cttggggccc | tgcaagaagt | cagtctcagg | cgcccgctgc | agacagcgat | gattcaagac | 240 |
| ggcctcatct | tctggctggg | tgatgttctg | aaggaccctg | actgctgtgc | tgactacacg | 300 |
| ctggagtact | cggtggcttt | gctcatgaac | ctctgctctc | gcagcacagg | gaagaacatg | 360 |
| tgtgccaagg | tggcaggcct | cgtgctcaaa | gtcctttcgg | atcttcttgg | ccatgaaaac | 420 |
| catgaggtac | tcattcagca | ctgctggccc | tgggctcggg | gaggctacac | tggggaccca | 480 |
| atgctgtga | ccccacaggc | acacagctgg | cccaggatgg | ttgctgtatt | tgaaaactgt | 540 |
| acatgttctc | tgtccttctg | ggattttcat | aagcaactgg | aaatctttta | taatttttag | 600 |
| aattttggaa | gtcagaagca | ggatgttctt | tccgtcc | | | 637 |

<210> 1981
 <211> 872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(736)
 <223> similar to gi5524741 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1981

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gcgggggaat | tccacgtcac | tggatctgag | ctggaataac | ttccacacaa | ggggagctgt | 60 |
| ggccttgtgc | aatggtctcc | ggggtaatgt | gaccctgaca | aaagtggatc | tctccatgaa | 120 |
| tggctttggg | aatgaggtgg | ctctggccct | aggggaagtc | ctccgactca | accgctgcct | 180 |
| ggtctacctg | gatatcggtg | gcaatgacat | cggcaatgaa | ggggcctcca | aaatcagcaa | 240 |
| aggactggaa | tccaatgaaa | gcctcagagt | tctgaagctt | ttcctgaatc | ccataaatat | 300 |
| ggatggggct | atcttactta | tcttggttat | caagaggaac | cccaaatacca | ggatggaaga | 360 |
| gcttgatatt | tccaacgtgc | tggtgtccga | gcagttcatg | aaaacgttgg | acggagtgtg | 420 |
| tgccgttcac | ccgcagctgg | acgtggtatt | caaggcagta | caaggcctct | ctcccaagaa | 480 |
| aaccatcttc | ttgttgacaa | accccatgaa | actgatccag | agctatgcag | accaacacaa | 540 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| aatcacgatac | gtggacttct | tcaagagctt | gaaccctact | gggacaatga | agatgtctgt | 600 |
| ggatgagttc | cagaaagcga | tgatagagca | aaacaaggct | cccctgaacc | agtaccaggt | 660 |
| cagggagggtg | ataaagaagc | tcgatgagaa | gacaggcatg | gtgaacttca | gtttcttgaa | 720 |
| cacgatgaag | ccatagcaac | aagtctggtc | tagaaagaag | tctcggcgag | aggagtcttc | 780 |
| gcaagtcgga | tggtggcagg | gaggagagca | agaggtggct | gaaatctcga | tggacagatc | 840 |
| ctgtggcagg | ggctgggcac | aagcaaataa | ag | | | 872 |

```
<220>
<221> misc_feature
<222> (1) ... (621)
<223> n = a, t, c or g
```

| <400> | 1982 | | | | | | |
|------------|------------|------------|------------|------------|-------------|--|-----|
| attggagact | tgtagaccgt | gcggtggaat | tccatgaaaa | aattcatgga | ggaggaaaaa | | 60 |
| cctttgattt | taaagaatgt | gggcaggttt | tgaaccccaa | aatatcccat | aatgaacaac | | 120 |
| agagaattcc | ttttgaagag | agtcaatata | aatgtagtga | aacctctcat | agttcctccc | | 180 |
| ttactcaaaa | catgagaaat | aattctgaag | agaaaccttt | tgaatgtaat | cagtgtggga | | 240 |
| aatccttcag | ctggagctcg | catcttgttg | cacatcagag | aactcacaca | ggggagaaac | | 300 |
| cttatgaatg | tagtgaatgt | ggaaaatcct | tcagccggag | ctcgcacctt | gtttcccatc | | 360 |
| agagaactca | tactggagag | aaaccttaca | ggtgtaatca | atgtgggaaa | tccttttagcc | | 420 |
| agagttatgt | ccttgttgtg | catcaaagaa | ctcatactgg | ggagaagcct | tatgaatgca | | 480 |
| atcaatgtgg | aaagtcattc | aggcagagct | ataaacttat | tgcacatcaa | agaacacata | | 540 |
| cggagagaaa | gccctatgaa | tgtaatcaat | gtgggaaatc | atttatccag | agctataaac | | 600 |
| ttattgcaca | tcanagaatg | | | | | | 620 |

```
<220>
<221> misc_feature
<222> (2)...(1117)
<223> similar to gi4468913 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 1983
cagttgcat gaatcgctgg tagacattac cgaaatcctt gcagagacca tacttactcc 60
tgatgaattt gcaaagtctg ttcgtatgga aatcaaagac cagacgaaat gtgctgcctc 120
tgatggaatt ggttctaata ttctcctggc tagaatggca actagaaaag caaaaccaga 180
tgggcagtac cacctaaaac cagaagaagt agatgatttt atcagaggcc agctagtgc 240
caatctacca ggagttggac attcaatgga atctaagttg gcatctttgg caattaaaac 300
ttgtggagac ttgcagtata tgaccatggc aaaactccaa aaagaatttg gtcccaaaac 360
aggtcagatg ctttataggt tctgccgtgg cttggatgat agaccagttc gaactgaaaa 420
ggaaagaaaa tctgtttcag ctgagatcaa ctatggaata aggtttactc agccaaaaga 480
ggcagaagct tttcttctga gtctttcaga agaaattcaa agaagactag aagccactgg 540
catgaaggtt aaacgtctaa ctctcaaaat catggtacga aagcctgggg ctctgtaga 600
aactgcaaaa tttggaggcc atggaatttg tgataacatt gccaggactg taactcttga 660
ccaggcaaca gataatgcaa aaataatttg aaaggcgatg ctaaactatgt ttcatacaat 720
gaaactaaat atatcagata tgagaggggt tgggattcac gtgaatcagt tgggtccaac 780
taatctgaac ccttccacat gtcccagtcg cccatcagtt cagtcaagcc actttcctag 840
tgggtcatal tctgtccgtg atgtcttcca agttcagaaa gctaagaaat ccaccgaaga 900
ggagcacaaa gaagtatttc gggctgctgt ggatctggaa atatcatctg cttctagaac 960
ttgcactttc ttgccacctt ttctgcaca tctgccgacc agtcttgata ctaacaaggc 1020
tgagtcttca gggaaatgga atggtctaca tactcctgtc agtgtgcagt cgagacttaa 1080
cctgagtata gaggtcccgt caccttccca ggtacatttt tgtagtctta aatataagta 1140
cattttatac tctaaatat aaatacaaaa atacaagttt acaaatgaaa atggcatttt 1200
tattttcttca tctgtttaac caagaaaggg agaacggggc acttggtttg gtagatcatg 1260
atgttggatt ctaaataagc aatatttggg ttgagtgaag gtgcttttgc aaagatttgc 1320
cactcttgca agttgtaaag catagctgaa aggcagtcct cctgtggact gccattgtct 1380
gtgacagtgg tcatcatgca gacttactgt attcagcaag gcagctttgg tgattagtgg 1440
tgaagtagag gccttatgtc gaagggtttt tgcagtattt gcaaacaggt ctctggagat 1500
ttggatggtt taattcagcg tgtgtgggct gtacatgtga tatactgctg gtccttgaaa 1560
gtaaggtagc a 1571

```

<210> 1984

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(1031)

<223> similar to gi2072792 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1984

```

ggaattcgca ctgtcaagaa tgagttctcc ctcaagacct tcaagaggaa gtccgaggtg 60
gatcgtgctg tcaagaggat gcggcatctg tccacgggca ccatgaccgg gctggccatc 120
cagtatgccc tgaacatcgc attctcagaa gcagaggggg cccggccctt gaggcagaat 180
gtgccacggg tcataatgat cgtgacagat gggagacctc aggactccgt ggccgaggtg 240
gctgctaagg cacgggacac gggcatccta atctttgcc tgggtgtggg ccaggtagac 300

```

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| ttcaacacct | tgaagtcctat | tgggagtgag | cccatgagg | accatgtctt | ccttgtggcc | 360 |
| aatttcagcc | agattgagac | gctgacctcc | gtgttccaga | agaagttgtg | cacggcccac | 420 |
| atgtgcagca | ccctggagca | taactgtgcc | cacttctgca | tcaacatccc | tggctcatat | 480 |
| gtctgcaggt | gcaaaccaagg | ctacattctc | aactcggatc | agacgacttg | cagaatccag | 540 |
| gatctgtgtg | ccatggagga | ccacaactgt | gagcagctct | gtgtgaatgt | gccgggctcc | 600 |
| ttcgtctgcc | agtgtctacag | tggctacgcc | ctggctgagg | atgggaagag | gtgtgtggct | 660 |
| gtggactact | gtgcctcaaa | aaaccacgga | tgtgaacatg | agtgtgtaaa | tgctgatggc | 720 |
| tcctaccttt | gccagtgcc | tgaaggattt | gctcttaacc | cagataaaaa | aacgtgcaca | 780 |
| aagatagact | actgtgcctc | atctaatac | ggatgtcagc | acgagtgtgt | taacacagat | 840 |
| gattcctatt | cctgccactg | cctgaaaggc | tttacctga | atccagataa | gaaaacctgc | 900 |
| agaaggatca | actactgtgc | actgaacaaa | ccgggctgtg | agcatgagtg | cgtaacatg | 960 |
| gaggagagct | actactgccg | ctgccaccgt | ggctacactc | tggaccccaa | tggcaaaacc | 1020 |
| tgcagccgtg | agtgtaccct | aggggtgggg | tgctgatgga | aggtggggtc | cactcatggg | 1080 |
| ggcggggcggg | ttcactagca | accagttatt | tctggagccc | accgggtttc | ctgatggctc | 1140 |
| ggcaggtgta | tccttcctta | tcctcagttt | catt | | | 1174 |

<210> 1985

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (180)...(1054)

<223> similar to gi4558637 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1985

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|------|
| gagaccttgt | cttaaaaaaa | taaaatgctg | tcagaataaa | aagcagtcaa | cagaaatgaa | 60 |
| acccttataa | gagacaaata | aatgtgggca | attattttct | gcaaaatgcc | ctccaagccc | 120 |
| ctggggcgcca | ttgccttctg | taataggaca | tcacctgaac | aggctttctg | ggctggagcc | 180 |
| aaggaccctc | cctgactccc | acctcccttt | ctgccttgta | ccccagccag | gtggaagaga | 240 |
| ccggagtggg | gctgtccctg | gagcaaacgg | agcaacactc | tcgcagaccc | attcagcggg | 300 |
| gcgccccctc | tcagaaggac | acctctaacc | ctggggacag | ccttgacacc | cctggccccc | 360 |
| ggatccttgc | cttcctgcac | ccgccttccc | tgagcgaggc | tgccctggcc | gctgaccccc | 420 |
| gccgtttctg | cagccctgac | ctccgtcgcc | tcctgggacc | catcctggat | ggggcttcag | 480 |
| tagcagccac | tcccagcacc | ccgctggcca | cacggcaccc | ccaaagtcct | ctttcggtcg | 540 |
| atctcccaga | tgaactacct | gtgggcaccg | agaatgtgca | cagactcttc | acctccggga | 600 |
| aagacactga | ggcagtggag | acagatttag | atatagctca | ggatgctgat | gctctggatt | 660 |
| tggagatgct | ggccccctac | atctccatgg | atgatgactt | ccagctcaac | gccagcgagc | 720 |
| agctaccacg | ggcctaccac | agacctctgg | gggctgtccc | ccggccccgt | gctcggagct | 780 |
| tccatggcct | gtcacctcca | gcccttgagc | cctccctgct | accccgtcg | gggagtgacc | 840 |
| ccgggctgag | ctgctccagc | ccttccagag | gggacccctc | agcatectct | cccattggctg | 900 |
| gggctcggaa | gaggaccctg | gccagagct | caaaggacga | ggacgaggga | gtggagctgc | 960 |
| tgggagtgtg | acctcccaaa | aggtccccca | gccagaaca | cgaaaaacttt | ctgctctttc | 1020 |
| ctctcagcct | gagtttcctt | ctgacaggag | g | | | 1051 |

<210> 1986
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(423)
 <223> similar to gi4455015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1986

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| gtgaactcca | agactgtttt | gatgttcattg | atgcatcttg | ggaagagcag | atattctggg | 60 |
| gatggcataa | tgatgtccac | atatttgaca | caaagacaca | gacttggttt | caaccagaaa | 120 |
| ttaaagggtg | agttccacca | cagccacgag | ccgcgcatac | gtgtgcagtt | cttggaataa | 180 |
| agggttatat | ctttggcgga | cgtgttctgc | aaactaggat | gaatgatttg | cactatctaa | 240 |
| acctagacac | ctggacttgg | tctggaagga | ttactattaa | tggagaaaagc | ccaaaacatc | 300 |
| ggatcatggc | tactttaaca | cctatagctg | atgataaact | tttcctatgt | ggtggactaa | 360 |
| atgcatataa | tatgccatta | agtgatgggt | ggattcataa | tgccacaaca | cattgttggg | 420 |
| aac | | | | | | 423 |

<210> 1987
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(455)
 <223> similar to gi437444 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1987

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gcgggtggaat | tcctcacacg | ggagagaaac | cctatgcatg | taaggaatgt | ggaaaaccat | 60 |
| ttagtaattt | ctctttcttt | caaatacatg | aaaggatgca | cagagaagag | aagccgtatg | 120 |
| aatgtaagg | ttatgggaaa | acattcagtt | tgcccagttt | atttcataga | catgaaagga | 180 |
| ctcacactgg | aggaaaaaac | tatgaatgca | agcagtgtgg | cagatccttc | aactgttcga | 240 |
| gctcctttcg | atatcatgga | aggactcaca | ctggagagaa | accctatgaa | tgcaagcaat | 300 |
| gtggaaaagc | cttcagatct | gcctcacagc | ttcaaattca | tggaaggact | cacactggag | 360 |
| agaaacctta | tgaatgtaag | cagtgtggga | aagcctttgg | atctgcctca | caccttcaaa | 420 |
| tgcatggaag | gactcacact | ggagagaaac | cc | | | 452 |

<210> 1988
 <211> 548
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (76)...(519)
 <223> similar to gi2621106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1988

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gttcagccag | actcctgata | agagaatctg | gcggccttca | gccataattc | ccttcggaag | 60 |
| cttttgcaaa | gcctcctggc | cttccaagaa | gatgatattg | gtgcccata | gaatgtagga | 120 |
| agaacttata | aaaattttaa | tagaaccaaa | gaagctgaag | aatcttacat | gatggctaaa | 180 |
| tactgatgc | ctcaaattat | tcctggtaaa | aaatatgcag | ccagaattgc | ccctaaccac | 240 |
| ctaaatgttt | atatcaatct | ggctaacctg | atccgagcaa | atgagtcccg | actggaagaa | 300 |
| gcagatcagc | tgtaccgtca | agcaataagc | atgaggcccg | acttcaagca | ggcttacatt | 360 |
| agcagaggag | aattgctttt | aaaaatgaat | aaacctctta | aagcaaagga | agcatatctt | 420 |
| aaagcactag | agctggacag | aaataatgca | gatctttggg | acaacttggc | aattgtacat | 480 |
| attgaactta | aagaacccaa | tgaagccctg | tattgcggcc | gctctagagg | atgcaagtnn | 540 |
| ncgaaggc | | | | | | 548 |

<210> 1989
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(410)
 <223> similar to gi4519270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1989

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gagagaagcg | taatacacgt | aaacaatttt | ggaaaacctt | cagttattgc | cactcgtttc | 60 |
| aaaccacaa | aatttctcac | acaggacaca | aaccatatga | ttgtaaggaa | tgtaggaggt | 120 |
| ccttcaattc | ttgggaaac | cttcaaagac | acatggcagt | gcagcatgga | gatggacctt | 180 |
| ataaatgtaa | gttggtggg | aaagcatttt | tctggcccag | tttatttcgt | atgcatgaaa | 240 |
| gaactcactc | tggagagaaa | ctatatgaat | gtaagcagtg | ttctaaagcc | tttcattttt | 300 |
| acagttctta | tctaagacat | gaaagaacac | gtactgggga | gaaactgtat | gaatgtaagc | 360 |
| agtgttctaa | agccttcctt | gattacagtt | cttgtctaag | acatgaa | | 407 |

<210> 1990
 <211> 838
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (45)...(835)
 <223> similar to gill195548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1990

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cggacgcgtg | ggaagtcctt | tatgtttctg | gaaattctgc | tgaggttatc | tttgtagatt | 60 |
| atggcaataa | gtctcatgta | gatctacatc | ttttgatgga | gattccctgt | caatttcttg | 120 |
| aacttccttt | ccaggctttg | gaatttaaga | tttgcaaaat | gagaccatca | gcaaagtctc | 180 |
| ttgtttgtgg | caagcactgg | agtgcggggg | ccagccagtg | gttcgcctct | ctggtgagcg | 240 |
| gctgcacctc | ccttgtgaag | gtcttctctg | tggtgcacag | cgtcctgcac | gtggatgtgt | 300 |
| accagtactc | aggggtccag | gatgccatca | acataagaga | cgtcctcatc | cagcagggct | 360 |
| atgccgagct | cacggaggag | tcctacgagt | ccaagcaaag | ccatgaagtt | ctcaagggcc | 420 |
| tcttttccaa | gtcagtagaa | aacatgacag | atggctctgt | gccctttccc | atgaaagacg | 480 |
| acgagaaata | tctcatccgg | atthttgtag | agagcttttc | taccaataaa | ctgggtactc | 540 |
| caaactgtaa | ggcagaactt | cacgggcctt | ttaaccctta | tgaactaaag | tgccatagtt | 600 |
| tgaccagaat | atccaaattc | aggtgtgttt | ggattgagaa | ggagagcatc | aactctgtca | 660 |
| ttatcagtga | cgcccttgaa | gaccttcacc | agagaatgct | ggttgcagct | tccctttcca | 720 |
| tcaatgcgac | tgatctacg | atgctgctga | gagaaacctc | tctgatgcct | catatccctg | 780 |
| gcctcccggc | tctctcagc | atgttattcg | caccggtgat | agagttaagg | attgatca | 838 |

<210> 1991
 <211> 1135
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1136)
 <223> n = 'a,t,c or g'

<220>
 <221> misc_feature
 <222> (102)...(676)
 <223> similar to gi3874618 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1991
ggattcgatc cccttnnnnn ntntaactga tgtncctagt ccgtgtggtg gaattcctct 60
tggacctggt ggacaggagc tggggcggct gcaggccct gcacagcaac gaggcattcc 120
ttgctcaggc aagacacatc ttgtcatctg ttgaagaatt cacagcagct caggacagct 180
ctgcgatggt ggggtgaagat gtcggctccc tggctctgga gagtaagtcc ctgcaaagcc 240
gccttgctga gcagcagcag cagcacgccc gggagatgag cgagggtgacg gcggagctgc 300
accacgcaca caaggagctg gatgatttga gacaacattt agataaatct ttggaagaga 360
acagtaggtt aaaatcgctt ttgttgagta tgaaaaagga agtgaagagt gcagacactg 420
cagccacgtt aaatttgcag atcgctggac ttcaaacaag tgtgaagagg ctgtgtggcg 480
agattgtgga actgaagcag cacctggagc actacgacaa gatccaggag ctcacgcaga 540
tgctgcagga gagccacagc tccctgggtca gcaccaatga acacctgctg caggagctga 600
gccaggtgcg ggcgcagcac agagccgagg tggagcagat gcactggagc taccaggagc 660
tcaagaagac catggccctg tttccacaca gcagcgccag ccatggaggc tgccaggcct 720
gctgactcct gccgagaagc tgggccaccc cttaagcttc ctggtaaagt tacattgtct 780
gcacctttgt acttctttat tgagtgtact ggctggcaag agttctctct tctgttggt 840
attatttagg atttttgga tgtattcagg acctgtagct tggttttcta aagcacctcg 900
taaaatgata tgattactcc aagcccctct gcatgttttc agacagaaca cattgacata 960
ttttgagaca aactgactat taatcttgta tccagtatcc tgagatgaag taaatgcagt 1020
gttttactgc ctgatgtgaa agagagctat gtatgataat taaagaaaat aattttctgt 1080
gtaacaagca atctttattt aataaacaaa taacattgtt ttgaaaaaaaa aaaaa 1135

```

<210> 1992

<211> 568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(571)

<223> similar to gi2317715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1992
ggaattccct tcctctgtac gcctccctgc cctatgcaca gcagctccga gtcttccaag 60
gggccccaaa gggctatcgc aaagtgatca tttcaaccaa catcgctgaa acctccataa 120
ccattacagg aataaaatat gtagttgaca cgggcatggt taaagcaaag aagtataacc 180
ctgacagtgg tcttgagggt ttagcagtgc agcgggtatc gaagacgcag gcttggcagc 240
gcacagggag ggctggcaga gaggacagtg gcatctgcta ccggctctac acggaggacg 300
agtttgagaa gtttgataag atgaccgtgc cagagatcca gaggtgtaac ctggccagtg 360
tgatgcttca gcttctagca atgaaagtcc caaatgtgct cacctttgac ttcattgtcaa 420
agccatctcc agatcacatt caggcggcca ttgcccaact ggacctgtta ggtgctcttg 480
aacataagga tgaccagctt accctgactc caatgggaag aaagatggca gcatttcctt 540
tagaacccaa atttgccaaa accatcct
568

```

<210> 1993

<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (98)...(655)
 <223> similar to gi1055065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1993

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atcgagagcc | tatcgatgtg | gggcttttct | tacagattgg | gaaatggtgg | tggggaaacc | 60 |
| gaacaattta | tgtttgctct | tgaaactggt | ttaggtgtgg | cctgaagtca | ctgatcctga | 120 |
| gaagttcgtg | tatgaagatg | tggtatcgc | agcatacctg | ctgattctat | gggaagaaga | 180 |
| aagggtcgtg | aggggactaa | ctgccaggca | gtcctttgtg | gacctgggat | gtggaaatgg | 240 |
| cctcctggtc | cacatcctga | gcagtgaggg | gcatccaggc | agagggattg | atgtccgaag | 300 |
| aagaaaaatc | tgggacatgt | atggaccaca | aactcagtta | gaggaagatg | caatcacacc | 360 |
| caatgataag | acccttttcc | ctgatgttga | ttggttaatc | ggtaaccatt | ctgatgaact | 420 |
| cacaccatgg | atacctgtca | ttgcagccag | gtcttcctac | aattgccgct | tctttgtcct | 480 |
| cccctgctgc | ttctttgact | tcattggaag | atactcccg | aggcagagta | agaagactca | 540 |
| gtaccgggaa | taccttgact | tcattaaaga | agtgggcttc | acctgtgggt | ttcacgtgga | 600 |
| cgaagactgc | ctcaggattc | cttcaaccac | aagagtctgt | ctcgttgga | aatccagaac | 660 |
| atacccttac | tccatagaag | cttccgtgga | tgaaaagagg | actcagtaca | ttaagagcc | 719 |

<210> 1994
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (92)...(686)
 <223> similar to gi3158498 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1994

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgttcccggg | agcgtgtctg | ggtttggggg | cgggagacag | gctgagccgc | ctgggcccgc | 60 |
| tggcctgtac | ggggcggggg | aggccatggc | ctcggtgag | ttgcagggga | agtaccagaa | 120 |
| gctggctcag | gagtactcga | agcttcgggc | tcagaatcag | gttctgaaaa | aaggtgttgt | 180 |
| ggatgaacaa | gcaaattctg | cagctttaaa | ggagcaactg | aaaatgaagg | atcagtcatt | 240 |
| gagaaaacta | caacaggaaa | tggacagttt | gacatttcga | aatctgcagc | ttgccaagag | 300 |
| ggtagaacta | cttcaagatg | aactagctct | aagtgaacca | cgaggcaaga | aaaacaagaa | 360 |
| aagtggagaa | tcttcttctc | agttgagtc | agagcagaag | agtgtctttg | atgaagatct | 420 |
| gcaaaagaag | atagaagaga | atgaacgggt | gcatatacaa | ttttttgaag | ctgatgagca | 480 |
| gcacaagcat | gtggaagcag | agctgaggag | tcgactggcc | actctggaga | cagaagcagc | 540 |
| ccagcaccaa | gctgtgggtg | acggtctcac | cgggaagtac | atggaaacca | ttgagaagct | 600 |
| gcagaacgac | aaggctaaac | tagaagtga | atctcagact | ctagaaaagg | aagccaagga | 660 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atgtcgactt | cgaacggaag | aatgtcaatt | acagttaaag | acttttcatt | aagatttgtc | 720 |
| aggtagatta | gaggaatcct | tatcaatcat | caatgaaaaa | gtacctttta | atgatacaaa | 780 |
| atatagtcag | tacaacgctt | tgaacgttcc | actccacaat | aggagacacc | agctgaagat | 840 |
| gcgagatatt | gctgg | | | | | 855 |

<210> 1995
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (492)...(8)
 <223> similar to gi2764748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|---|
| <400> 1995 | |
| tgggggggga | gggtaggggn nnaattgaaa ttcgatgaca gtggngcaat tcccggcggc 60 |
| gttcaggcac | cctttggggc cgtcaggaac atctacaccc cgcggaactg ccaccgaatc 120 |
| cggaagctag | accagatcca gagcgggggc aattacgtgg ctggaggcca ggaagccttc 180 |
| aagaaactca | attacttggg cataggagaa atcaagaaaa gaccaatgga agttgttaat 240 |
| acagaggtaa | aaccagtaat ccatagcagg atcaacgtgt cagctcgctt tagaaaaaccg 300 |
| cttcaggagc | cgtgcactat cttcttgatt gcaaatggag acctcataaa cccagcttct 360 |
| cgcttcctta | tccccagaaa aaccttgaat cagtgggatc atgtactaca aatggtcaca 420 |
| gaaaaaatca | ctctgaggag cggggctgtt cacaggctct atactttaga aggaagactt 480 |
| gttgagagtg | ga 492 |

<210> 1996
 <211> 1658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (882)...(1493)
 <223> similar to gi5734466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1996
tttgtatttt tttagtagaa acgagggtttc tccatattgg tcaggctggt ctcgaactcc 60
cgacctcagg tgatccgccc gcctcagcct cccaaagtgc tgggattaca ggcgtgagcc 120
accgcacccg gcctgctgta ccttctttgt gcctcagttt ccctctttat tcaatggggc 180
tatcttccag ggtagcctcg aggctaagat ctgaatccat ggcccccttac tgtctgctcc 240
tttcctctcc taaggactcc agtgggggtg actcatgtgc ttctgaggag gaaccaacct 300
ttgaccccg ctagaacct gactgggctg tcatcagcac tgtgcggcca cagccctgcc 360
actcagaccc cacgagagggt gcagagccca gctgccccca gggctcctgg gccttctcag 420
tgagtctggg ggagctaaag tccatccgcc gctccaagcc aggcctcagc tgggcctacc 480
tggttctggt gacccaggct ggagggttccc tgcccgact gcaacttccac cgcgggggca 540
cccgccgct gctccgcgtc ctcagccgct acctgctgtt ggccagctcc ccgcaggact 600
cccgctcta ccttgtcttc cccacgact cctctgctct ctccaactcc ttccaccacc 660
tgacgtctt tgaccaggac agctccaatg tgggtgcacg cttcctccag gatccctact 720
ccaccacctt cagcagcttc tcccagtgta ccaacttctt ccggggtgcc ctgcagccac 780
agcctgaggg agccgcctcc gaccttcccc cgccaccga cgatgagccc gagcctggat 840
tcgaggatcat ttctgtgtg gagctggggc ctcggccaac cgtggagcgg ggcctccag 900
ttacagagga ggagtgggca cgcacgtgg gccctgaagg tcgcctgcag caggccctg 960
agctgaagaa ccgatcttc tcggggggtc tgagccccag cctgcggcgc gaggcctgga 1020
agttcctcct aggttacctc agctgggaag gcacagctga ggagcacaag gccacatac 1080
gcaagaaaac ggatgagtat ttccgcatga agctgcagt gaaatctgtg agccctgagc 1140
aggagcggag aaactcactt ctgcatggat accgcagcct catcgaaagg gatgtgagcc 1200
gcactgacag gaccaacaag ttctacgagg gtcccgagaa cccggggctg ggcctgctga 1260
acgatatcct cctcacctac tgcatgtatc acttcgacct cggctacgtc cagggcatga 1320
gtgatcttct ccccccatc ctctacgtca ttcagaacga ggtggatgct ttctggtgtt 1380
tctgtggctt catggagctc gtgcaaggga actttgaaga gagccaggag accacgaagc 1440
ggcaactcgg gcgactgctg ctgctcctga ggggtgctgga cccctgctc tgcgacttcc 1500
tgggtatgtc tctcgggagg gtgggcagga gacaatggg ccatagacct tgccagattc 1560
tctggtagca gccacagtgg catcctggac attgggtcct gatccaaaca agagaaacat 1620
ccccacacaa cctagaatgt agaggcagaa ttgctgtt 1658

```

<210> 1997

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(800)

<223> similar to gi4220590 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1997

```

gcgggtggaat tcgcgaggac gagtgggtact gccctgagt cgggaatgat gccagcgagg 60
tggtactggc gggagagcgg ctgagagaga gcaagaagaa ggcgaagatg gcctcgcca 120
catctcctc acagcgggac tggggcaagg gcatggcctg tgtgggccc accaaggaa 180
gtaccatcgt cccgtccaac cactacggac ccatcccgg gatccccgtg ggcaccatgt 240
ggcggttccg agtccaggtc agcgagtcgg gtgtccatcg gccccacgtg gctggcatac 300
acggccggag caacgacgga gcgtactccc tagtcctggc ggggggctat gaggatgacg 360
tgaccatgg gaatttttcc acatacacgg gtagtgggtg tcgagatctt tccggcaaca 420
agaggaccgc ggaacagtct tgtgatcaga aactcaccaa caccaacagg gcgctggctc 480

```

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tcaactgctt | tgctcccatc | aatgaccaag | aaggggccga | ggccaaggac | tggcggtcgg | 540 |
| ggaagccggt | caggggtggt | cgcaatgtca | aggggtggca | gaatagcaag | tacgcccccg | 600 |
| ctgagggcaa | ccgctacgat | ggcatctaca | aggttggtgaa | atactggccc | gagaagggga | 660 |
| agtccgggtt | tctcgtgtgg | cgctaccttc | tgccggagga | cgatgatgag | cctggccctt | 720 |
| ggacgaagga | ggggaaggac | cggatcaaga | agctggggct | gaccatgcag | gtgtgtctgg | 780 |
| gatgggggat | ggcacttttg | gaggccaagg | cggatggatc | acttacgtta | ggagttcaag | 840 |
| accagcctgg | ccaacatggt | gaaacctcat | ctctactaaa | aatacaaaaa | ttagctgggt | 900 |
| atggtggcgg | gtgcctgtaa | tcccagctac | tgaggtggct | gaggcag | | 947 |

<210> 1998

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(453)

<223> similar to gi3327090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1998

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| acggccgcca | gcagcgggaa | caggaacaga | ggcggctgag | ccaggaacgg | gatcgcttag | 60 |
| agggctcttc | ccagagactc | cgcaaggccc | agggacagct | cgactcacag | ccagaggacc | 120 |
| aacgcgagcg | gcttctgcag | ggtgtgcagg | agatgagggg | acaactggat | gtggcccaac | 180 |
| gtgcctatga | ggacctggag | ttccagcaac | tggagcggga | gagccggcag | gaggaggagg | 240 |
| atcgggacag | ccctgggccc | caggtgccag | accccaaggt | ccaggaactc | caggccagca | 300 |
| tggcgcagca | cagacaccgg | atccgggtcc | tggaagagca | gctcaagtca | ctgggggagc | 360 |
| agatggcagc | cgagagccgg | gggttgagcc | ggaagaagga | ggaggccctt | caggccctgt | 420 |
| cacaggaacg | gagccggctg | ctcgagctca | attgccttca | gggaacacct | ggcggtgact | 480 |
| tctctgagcc | caaccgggcc | ctcactaagc | tgctgttcac | ccaaaagaca | gaccgccagc | 540 |
| tgcttggtgct | ccaggatgcc | gtggcccact | ccgctgtcac | cc | | 582 |

<210> 1999

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (326)...(709)

<223> similar to gi202523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1999
agcgtgtcga attccaccta cgtggtagag aggggcggt gtgtggcgggt ttgtcacatc 60
tagatccatg ttttgcttcc ctggagccgc attcttttag gactaccttg atttattccg 120
tcctgggct ggtggggccg aggagtgtcg gaggagagcc agtgctttgc gtggctctct 180
gaattctgcc aggtagccct gctccggcgt ccgtgaagg ggcaggacag tgtccgccag 240
gaggggctgt gctcccagac aggaagcagg agagggtgca gccctgttct gacctgcca 300
ttccgccctc tcctacccc tgccccacag ggactgcac gccctctgct tcctcaacag 360
cggcaccagc tttgtggcgg gctttgccat cttctccatc ctgggcttca tgtctcagga 420
gcagggggtg cccatttctg aggtggccga gtcaggccct ggctggctt tcctcgctta 480
cccggggct gtggtgatgc tgcccttctc tcctctctgg gctgctgtt tcttcttcat 540
ggtcgttctc ctgggactgg atagccagtt tgtgtgtgta gaaagcctgg tgacagcgct 600
ggtggacatg taccctcacg tgttccgcaa gaagaaccgg agggaagtcc tcatccttgg 660
agtatctgtc gtctccttcc ttgtggggct gatcatgctc acagagggtga gggcctggga 720
agcgggggaa ggctggggag gaggagccaa gtgacagctg ctacctgtca gtgaggcaga 780
taccctggct cccggtcagg gcaggctctt tgggcttctg gacactagga ctccctcttt 840
tccccatccc aggaacgaca aagtaggcag gtccctcctc tggcctttgg gcatggacca 900
cccacctcca gggatgggtg aggagccatt tggctccaca gtaagtgaag aggtatgtgg 960
agcattggat tgggagaagc 980

```

<210> 2000

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(415)

<223> similar to gi3979818 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2000
aatgaaacta gagcatagtc cgtgcggtgg aattaaaata aatactgggg cagcagacag 60
gggccagcct gcctgtcctg aggccttgtt tctctcgtgg gcagcttccg ggcatttctg 120
gaggacagtg aggacgagga cggcgctggg gagggcggct ccagtttctg gcagaaacgt 180
gccaaaacca ggcaggagaa ggcccaggag gagggcgact acatcgagt gctgaaggga 240
cagaaagaga ttcggaaccc agattccctg aaggaactga cgcattctca ggaatactgg 300
aacgaccctg agttggatga aggggagcgg ttcctgcggg attacatcct caacaaacgc 360
tatgaggagg aggaagagga ggaggaagat gaagaggaaa tggaggaaga ggaggggtcc 420
acgggtcccc agtccagctg gctgtggaca 450

```

<210> 2001

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(598)
 <223> similar to gi1871168 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2001

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| actgctccgc | cagcaacttc | tctgtgtct | atactcgcta | tgggaagtgt | tacaccttca | 60 |
| acgcggaccc | gcggagctcg | ctgcccagcc | gggcaggggg | catgggcagt | ggcctggaga | 120 |
| tcatgctgga | catccagcag | gaggagtacc | tgcccatctg | gagggagaca | aatgagacgt | 180 |
| cgtttgaggc | aggtattcgg | gtgcagatcc | acagccagga | ggagccgccc | tacatccacc | 240 |
| agctgggggtt | cggggtgtcc | ccaggcttcc | agacctttgt | gtcctgccag | gaacagcggc | 300 |
| tgacctacct | gccccagccc | tggggcaact | gccgcgcaga | gagtgcgctc | agggagcctg | 360 |
| agcttcaggg | ctactcggcc | tacagtgtgt | ctgcctgccg | gtgcgctgt | gaaaaggagg | 420 |
| ccgtgcttca | gcgctgccac | tgccggatgg | tgcacatgcc | aggcaatgag | accatctgcc | 480 |
| caccaaatat | ctacatcgag | tgtgcagacc | acacactggg | tccgtgctgc | ctaccctttc | 540 |
| ctacctctcc | atcagcctct | tcatgtctct | gtccactctt | ctcctcactg | tcttggatcc | 600 |
| t | | | | | | 601 |

<210> 2002
 <211> 472
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (27)...(475)
 <223> similar to gi3043568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2002

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| ctcgagatac | ctagtcagtg | tgggtggaatt | cgcagaagca | gttcatacaga | gacgtgttgg | 60 |
| actgtgaggc | ggatgaaatg | gacttctcct | tcatggatat | ggatgatgcg | ctccggaagt | 120 |
| tccagtccca | tatccgggtt | cagggtgagg | cccagaaagt | ggagcgactc | atcgaagcct | 180 |
| tcagccagcg | gtactgtgtc | tgtaaccacg | ccctcgtgcg | ccagttccgg | aaccagaca | 240 |
| ccatcttcat | ccttgctttt | gccatcatcc | tcctcaatac | cgacatgtac | agtcccagcg | 300 |
| tcaaagctga | acgaaagatg | aaactagatg | acttcatcaa | gaacctgaga | ggggttgaca | 360 |
| atgggtgaaga | catcccccga | gacctcctgg | tgggcatcta | ccagcgcata | caggggctg | 420 |
| aactgcggac | caacgatgac | catgtgtccc | aggtgcaggc | tgtggagcgc | at | 472 |

<210> 2003
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(211)
 <223> similar to gi431020 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2003
 ttccagtttc actagcccag tgtgatgggc ttctccggtc gggtgaaaaa tccgggactg 60
 tgggaactgc cgttcggcac caccgcacgc gagatcctcg aagattacgc cggtggtatg 120
 cgtgatggtc tgaaatttaa agcctggcag ccaggcggcg cggggactga cttcctgacc 180
 gaagcgcacc ttgatctgcc gatggaattc tgagctaaac tgctcgagac ggcgctaata 240
 tacgcctaaa actgaaacga gacaagaggc attttcttat ttacttttag taacttacia 300
 gtgtctcata tcggcgacag tttaatttct gacggtaata attagatatt cagcgaagga 360
 aaaaacctta agaaaaaagc cataaaaacc atgaggttat tatggccgat ttgaggaggg 420
 aaagagtaag agcagtttgt taaatgtacg 450

<210> 2004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(633)
 <223> similar to gi5305702 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2004
 cccacgggaa gggcaggtga agcaggggct gctgggggat tgctggttcc tgtgtgcctg 60
 cgccgcgctg cagaagagca ggcacctcct ggaccaggtc attcctccgg gacagccgag 120
 ctgggcccag caggagtacc ggggctcctt cacctgtcgc atttggcagt ttggacgctg 180
 ggtggaggtg accacagatg accgcctgcc gtgccttgca gggagactct gtttctcccg 240
 ctgccagagg gaggatgtgt tctggctccc cttactggaa aaggtctacg ccaaggtcca 300
 tgggtcctac gagcacctgt gggccgggca ggtggcggat gccctggtgg acctgaccgg 360
 cggcctggca gaaagatgga acctgaaggg cgtagcagga agcggaggcc agcaggacag 420
 gccaggccgc tgggagcaca ggacttgtcg gcagctgctc cacctgaagg accagtgtct 480
 gatcagctgc tgcgtgctca gcccagagc aggtgaggca cgtggccagc atgggagggc 540
 tgcagccagc gtgcccccca ctgccaggcc tcaggcacac tgtagctttt tatgtgactg 600
 gctacacagc cctgtcagga ctaagtggga agaagtaagc ttgttctcaa gggtggtgtc 660
 ctcagtttgt gaccttcccc tgctgtcttc ttccagaggg acgtggccct tctctccctt 720
 gaccagtcct ttccactagt gcgaggcagg g 751

<210> 2005
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (35)...(257)
 <223> similar to gi164036 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2005

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| accctatcg | tagaccctag | tccatgtggt | ggaattcgcg | ggtgaacatg | ccgaggccat | 60 |
| cgctagccgg | gagcaggagg | tgctgcaggg | ttggaaagag | ctgctgtcag | cctgtgagga | 120 |
| tgcccgccctg | catgtcagct | ccacagccga | cgccctgcgc | ttccacagcc | aagtccgcga | 180 |
| cctgctctcc | tggatggatg | gcacgcccag | ccagattggg | gcagccgaca | agcccagggtg | 240 |
| ccccctcatcc | ctcctcgggc | ttcctgcctc | ccccctggtg | cctaccccag | ccacccccag | 300 |
| cccattgaca | gcccccttct | caatggaatg | acaacagcca | atatctgtgt | gnnnnnnnnnn | 360 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnntcgtg | tgtattcaga | cccccttttt | aggcctgtca | 420 |
| ttggggactt | cggtcatggg | gcacccctct | gtccgctgtc | cttcccagnt | gcctattatt | 480 |
| accctctcca | tgga | | | | | 495 |

<210> 2006
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(447)
 <223> similar to gi732819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2006

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ggaggaattc | cttctacaat | gaagctgtca | attatgatac | ctgcaagcag | tgtacacagt | 60 |
| gcaaccatcg | aagtggaggt | gaactcaagc | agaattgcac | acctactcag | gatactgtct | 120 |
| gcagatgtag | accaggcacc | caacctcggc | aggacagcgg | ctacaagctt | ggcgttgact | 180 |
| gtgttccctg | ccctcctggc | cactttttct | caggcaacaa | ccaggcctgc | aagccctgga | 240 |
| ccaattgtac | cttatctgga | aagcagaccc | gccacccagc | cagtgcacgc | ttggacgcag | 300 |
| ttgtgtgagga | cagaagcctc | ctggccacac | tgctctggga | gacccagcgc | cctacattca | 360 |
| ggccaaccac | tgtccaatcc | accacagtct | ggcccaggac | ttctgagttg | ccctctccac | 420 |
| ccaccttggt | gactcctgag | ggcctgg | | | | 447 |

<210> 2007
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(393)
 <223> similar to gi2337774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2007

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttagtggtgc | ggcagacagc | ggcgatattg | agtcattcg | ccattatcat | ccccaggatg | 60 |
| ccaccaccaa | tccttcgctg | ttactcaaag | ctgccggatt | atcacaatat | gagcatttaa | 120 |
| tagacgatgc | tatcgcttgg | ggtaaaaaaa | atggcaagac | ccaggaacaa | caggtggctg | 180 |
| cagcgtgtga | caaactggcg | gtcaatttcg | gtgctgaaat | cctcaaaatc | gtacccggtc | 240 |
| gcgtgtcaac | agaagttgat | gcacgcctct | cttttgataa | agaaaagagt | attgagaagg | 300 |
| cgcgccatct | ggtggacttg | tatcagcaac | aaggcggtga | gaaatcacgc | attctgatca | 360 |
| agctggcttc | gacctgggaa | ggaattcgat | atc | | | 393 |

<210> 2008
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (198)...(587)
 <223> similar to gi3152662 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2008

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| tcccgtccga | acctaggttg | cccttcctgt | tgatagggtc | tacactggcc | agggaggggg | 60 |
| ttttggagga | gaggetgctc | tctcttcagt | tccctccctt | gttcttgccc | acacggatcc | 120 |
| caaaccat | gccctgagct | ggteccagcc | gtgtaggcca | gaccagtcaa | agccacctcc | 180 |
| aacctccgct | tccaccagt | ccctgggtgt | ccaagatctg | ccctagtgc | acctacaaag | 240 |
| tgtggaagag | cggccagaac | ctgagggtag | acaccacact | cctgggcttt | gaccacatga | 300 |
| cctggcagcg | agggaaaccgc | agctttgtct | tcaggggcca | agacacaagc | gccgtgggtca | 360 |
| tggagattga | ccacgaccgc | cgggtgggtgt | acacagagac | tctggcactg | gctgggcagg | 420 |
| accgggagct | gctgctggct | gctgctcagc | ccactgagga | acaggtgctg | agccggctta | 480 |
| ccgcgccctg | cgctcaccact | cagcttgaca | ccaagaatat | ctcctttgag | aggaacaaga | 540 |
| ctggcatcct | gggctggcgc | actgaaaaga | cggagatggt | gaat | | 584 |

<210> 2009
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (122)...(466)
 <223> similar to gi53169 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2009

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| aattggacca | tagagatccc | taggcagtgt | ggtggaattc | caagagccga | agagccagtc | 60 |
| ctcactgggg | tgcaagggc | tctttggggg | cagagcgggc | actgcatgga | ccctgcaccc | 120 |
| tggagctgat | gttcagggtca | caaagctggt | gaagaactac | cggccccacg | aggccctgct | 180 |
| gatgctgccc | tcacggctgt | tctaccacag | ggaactcgag | gtctgtgcgg | acccccacagt | 240 |
| ggtgacctcc | ttgctgggct | gggagaagtt | gcctaagaaa | ggcttccctc | tcattctcca | 300 |
| tgggtgtcgg | ggcagcgagg | cacgggaggg | aaaaagccca | tcgtgggtca | acccggccga | 360 |
| ggccgtccag | gtcctgcgct | actgctgcct | cctggcccac | agcatctcca | gtcaggtgtc | 420 |
| tgccagcgac | attggcgctca | tcacgcccta | ccggaagcag | gtacgccctg | cccaggcacg | 480 |
| cctggttctg | tgaggtccct | gcagccctgc | tccttggctc | ctgcagctcc | acagaggcag | 540 |
| gaacaagctc | cttgtgagca | gcagcaggtt | tttaaagggg | caggaccgca | cttgaatgtc | 600 |
| gttcaacatg | agaggtcacc | caactgccat | ccatgggcca | gttcggggca | gctgccagg | 659 |

<210> 2010
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(420)
 <223> similar to gi3511122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2010

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acttgagcgt | ggcgaggagc | cctgggttcc | cagtggaaag | gacatgaccc | tggccaggaa | 60 |
| cacctacggg | aggctcaact | ctggttcctg | gagtttgaca | gaggatagag | atgtttctgg | 120 |
| agaatggcca | cgagcttttc | cagatacccc | acctgggatg | actactagcg | tcttccctgt | 180 |
| tgccgatgcc | tgccacagtg | taaaaagcct | gcagcgacaa | ccgggtgcct | ccccatctca | 240 |
| ggagagaaaa | cccacggggg | tgtcggtgat | ctattgggag | aggctcctgc | taggctcgcg | 300 |
| cagtgaccag | gccagcatca | gcctgcgact | gacctcccca | ctcaggcccc | ccaagagcag | 360 |

ccggcccagg gaaaagacct tcacagagta ccgggtgcct gggaggcagc ccacgacg

418

<210> 2011

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(652)

<223> similar to gil480005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2011

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| actagtccag | agtgggtggaa | ttcacctgac | ggtgaacctc | gctgcgcccc | acggtcctgg | 60 |
| cgctttcttc | cgctacatgc | gccagcccat | caaacaggag | ctcatctgca | agtggctggc | 120 |
| ggccgacggc | accgcgaccc | cgagcctctg | ctccaaaact | ttcagcacca | tgcacgagct | 180 |
| ggtcacgcac | gtcacctggg | agcacgtcgg | cgccccggaa | caggccaacc | acatttgctt | 240 |
| ctgggaggag | tgtccgcgcc | agggaaagcc | cttcaaagcc | aaatacaaac | ttgtaaatca | 300 |
| catccgcgtg | cacacggggc | agaagccctt | cccttgtcct | ttcccggggg | gtgggaaggt | 360 |
| ctttgctaga | tcagaaaatc | tcaaaataca | caaacgaact | cacacaggcg | agaagccctt | 420 |
| cagatgcgag | ttcgaggggt | gcgagcggcg | cttcgccaac | agcagcgacc | gtaagaagca | 480 |
| ttcgcacgtg | cacactagcg | acaagccata | cacgtgcaag | gtgcgggggt | gcgacaagtg | 540 |
| ctacacgcac | cccagctcgc | tgcgtaagca | catgaaggtg | cacggggcgt | cgccgcgcgc | 600 |
| cagctctggc | tacgattcgg | ctacacgcgc | tgcctctcgt | tgcctctcgt | | 650 |

<210> 2012

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(975)

<223> similar to gi294521 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2012

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| catccgccac | ctccatgaca | gccaacacgt | ggctgttttc | caccgggggc | gattctttccg | 60 |
| catggggacc | cactcccga | acagcctgct | ttccccgaga | gccctggagc | agcagtttca | 120 |
| gagaatcctg | gatgatccct | caccggcctg | cccccacgag | gaacatctgg | cagctctgac | 180 |
| agctgctccc | aggggacagt | gggcccaggt | gcggacatcc | ctgaagaccc | aggcagcgga | 240 |
| ggccctggag | gcggtggaag | gggcccgttt | ctttgtgtca | ctggatgctg | agcccgcggg | 300 |

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|-----|
| gctcaccagg | gaggacccgg | cagcgtcgtt | ggatgcctac | gcccattgctc | tgctggccgg | 360 |
| ccggggccat | gatcgtcgtt | ttgacaaatc | cttcacccta | atcgtcttct | ctaaccgggaa | 420 |
| gctgggcctc | agcgtggagc | actcctgggc | cgactgcccc | atctcaggac | acatgtggga | 480 |
| gttcaactctg | gctacagaat | gctttcagct | gggctactca | acagacggcc | actgcaaggg | 540 |
| gcacccggac | cccacactac | cccagcccca | gcggtctgcaa | tgggaccttc | cagaccagat | 600 |
| ccactcctcc | atctctctag | ccctgagggg | agccaagatc | ttgtctgaaa | atgtcgactg | 660 |
| ccatgtcgtt | ccattctccc | tatttggcaa | gagcttcac | cgacgtgcc | acctctctt | 720 |
| agacagcttc | atccagatcg | ccttgcaact | ggcccacttc | cgggacaggg | gtcaattctg | 780 |
| cctgacttat | gagtcggcca | tgactcgctt | attcctggaa | ggccggacgg | agacggtgcg | 840 |
| gtcttgacg | agggaggcct | gcaactttgt | cagggccatg | gaggacaaaa | agaagacgga | 900 |
| cccacagtgc | ctcgccctgt | tccgcgtggc | agtggacaag | caccaggctc | tgctgaaggc | 960 |
| agccatgagc | gggcag | | | | | 976 |

<210> 2013

<211> 2046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(312)

<223> similar to gi6007859 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2013

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------|
| ataaaatggt | tgtcttttgg | ggctcttttag | gatcccggca | aatgagcaat | gatgtctggg | 60 |
| tccttgacct | tgagcagtgg | gcgtgggtcca | agccgaacat | ctctggcccc | agtcctcatc | 120 |
| ctcgaggtgg | ccaatctcag | attgtcatag | atgatgcaac | tatcttaatc | ctcggagggg | 180 |
| gtggcgggtcc | caatgctcta | ttcaaggatg | cctgggttgg | gcacatgcat | tctggtcctt | 240 |
| gggcctggga | gccactcaag | gtagaaaatg | aagagcatgg | ggccccagaa | ctgtgggtgcc | 300 |
| atccagcttg | cgggtgggga | cagtgtgtgg | tggctctcag | ccaggctcct | agtgggagag | 360 |
| ccccactcag | ccccagtttg | aactctcgcc | catcacctat | cagtgccact | cctccagctc | 420 |
| tcgttctctga | aacccgagag | taccgctctc | agtctccagt | aagaagcatg | gatgaagctc | 480 |
| cttgtgttaa | cggccgctgg | ggaacactga | gaccaggggc | tcaaaggcag | actccttcag | 540 |
| gttcccggga | agggagcctt | tccccagcca | gaggagacgg | ctctcctatc | ctcaatggtg | 600 |
| ggagtttgtc | tccaggaacg | gcagctgtgg | gtggctcttc | tttggacagt | cctgtacagg | 660 |
| ccatatctcc | aagtactcca | tctgctcctg | aaggatacga | cctgaaaata | ggactttctt | 720 |
| tggccccccg | acgaggatca | ctaccagatc | agaaagatct | gagattagga | tccatagatc | 780 |
| tgaattggga | tctgaaaccc | gcttccagta | gtaatcccat | ggatggcatg | gacaatagga | 840 |
| cagttggggg | aagtatgaga | caccctcctg | aacagacaaa | tgggtgtgcat | acccacctc | 900 |
| acgtggccag | tgcccttgca | ggggccgtct | ccccaggtgc | cctgcgtcgg | agtctggaag | 960 |
| ccatcaaagc | gatgtcctcc | aaaggccctt | cggcctctgc | agcactaagt | cctcctcttg | 1020 |
| ggtcttctcc | aggtctctct | gggagccaga | gtttgagcag | tggagaaaca | gtgcccattc | 1080 |
| ctcgcccagg | gcctgcccac | ggagatggac | attccttacc | tccattgtct | cgcgccttgg | 1140 |
| gccaccaccc | tccacagtcc | ctaaatgttg | gcaaaccctt | ataccagagt | atgaactgca | 1200 |
| agcccatgca | gatgtacgtg | ctggacatta | aagacaccaa | ggagaagggg | cgggtcaaat | 1260 |
| ggaaagtatt | taatagcagt | tctgtggttg | gacctcctga | aaccagcctg | cataccgtgg | 1320 |
| tacaaggcag | gggtgaactc | atcatatttg | gaggactcat | ggacaagaaa | cagaatgtga | 1380 |
| agtactatcc | aaaaacaaac | gccttgtact | ttgtacgagc | aaagagataa | tgtgttctaa | 1440 |
| acccctttcc | ttttctgtgg | cttttaattt | ggaattttcc | agtgtgtaag | catttggact | 1500 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| gagaattggg | aaaacaaaat | tactcccaga | agccaaaact | ctttaattcc | caaccgaagt | 1560 |
| cactccaggc | tgggatcaaa | tctccattaa | gaaaaaaaat | tatatataaa | tatatatata | 1620 |
| tatattatat | agccaactct | gttgacaaaa | aaagggagag | atttccatcc | tggttcagat | 1680 |
| aaagttgtgt | gctgtgtttt | aacaggggct | gggctgcctt | tttctacctt | gctggtaact | 1740 |
| agaccaagaa | gtagagaat | agactaacat | cagtaacttc | ccaaaagaaa | ctgaagagcc | 1800 |
| ccctgtaaat | ctttatgtgg | ccttcttgga | gttaaaaaat | gaaagggcat | atgtaagttg | 1860 |
| caaaggtgga | gggttttaga | ctctcatgct | tcaggtgctg | tcggggtaaa | agtaactgtt | 1920 |
| tttccccctt | tcttaaaacc | acagaggacc | tgtgacagct | ctgcagaaat | tcagtcgcct | 1980 |
| ggccccctct | tgctttttat | ggctgaggaa | agttacccaa | caaaggattt | tattccaaaa | 2040 |
| aaaaaa | | | | | | 2046 |

```

<210> 2014
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(717)
<223> similar to gil57409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2014 | | | | | | |
| ggaattcagg | ggaaggtgtg | caaagctgga | agtcctgcgg | ggcatgtctg | tgttctgagt | 60 |
| cagggccctg | aagagatctc | tctgcctttg | tgggctgtgc | ctgccatcgt | gggcagctgc | 120 |
| gcaaccgtct | tggccctcct | ggtccttagc | ctgatcctgt | gtaaccagtg | cagggggaag | 180 |
| aaggccaaaa | atcccaaaga | agagaagaaa | ccgaaggaga | agaagaaaaa | gggaagtgag | 240 |
| aacgttgctt | ttgatgacct | tgacaatatc | cctccctatg | gggatgacat | gactgtgagg | 300 |
| aagcagcctg | aagggaaacc | aaaaccagat | atcattgaaa | gggaaaaccc | ctaccttatc | 360 |
| tatgatgaaa | ctgatattcc | tcacaactca | gaaaccatcc | ccagcgcccc | tttggcatct | 420 |
| ccagagcagg | agatagagcc | ctatgacatt | gacaacgcca | gcagcatcgc | cccttcggat | 480 |
| gcagacatca | ttcaacacta | caagcagttc | cgcagccaca | caccaaattt | ttcaatccag | 540 |
| aggcacagtc | ccctaggctt | tgcaaggcaa | tcccccatgc | ccttaggagc | aagcagtttg | 600 |
| acttaccagc | cttcatatgg | tcaaggtttg | agaaccagct | ccctaagcca | ctcagcatgc | 660 |
| ccaactccca | accctctgtc | tcgacacagt | ccagcccctt | tctccaaatc | ttctacgttc | 720 |
| tatagaaaca | gcccagctgt | agt | | | | 743 |

```

<210> 2015
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(528)
<223> similar to gi3811376 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 2015
aggaaccctt cgagcctaag gaggagatat caggaagcgg aactcagcct ggaggagcaa 60
aggaggaaac caaagtgttt tctggagggg acactgaagg gaatggggag ctagggttct 120
tgttgccttc agggccaggg ccaacatctg ggggaggggg tccatcctgg aaaccagtgg 180
atcttcatgg gaatgaaatc ctgtcagggg gtggaggacc tgggggagca ggccaggccg 240
tgcattgggc tgtgaagcta ggggggacac cccctgcaga tggaaaacgc tttggttgcc 300
tgtgtgggaa gcggtttgca gtgaagccaa agcgtgaccg gcacatcatg ctgaccttca 360
gccttcggcc ttttggctgt ggcattctga acaagcgctt caagctgaag caccatctga 420
cagagcacat gaagacccat gctggagccc tgcattgctg tccccactgt ggccgtcggt 480
tccgagtcca tgctgtttt ctccgccacc gggacctatg caagggccag ggctgggcca 540
ctgcccactg gacttacaag tgactgctga ggctatacac tagcttctag aacaagataa 600
ccactgctgc tgatggatac ttttccctca ctgccatggc acaccagtca tggatcttgt 660
aatcatgcca agagaataga tacattatgg acctcttggt cttagatatg ggcctctcag 720
cctggcagat gtgga 735

```

<210> 2016

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(467)

<223> similar to gi2911858 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2016
ctgaacggga ctggcccttc tgcctctccc tgctcttctt atggcccagg gagagagccc 60
ttgggtggga cctcagagtt tctggggcct gatggggctg gggtagaggt ggtgattgag 120
tctcgggcca acgccaaggg ggttcgggag gaggacgccc tgctggagaa cgggagccag 180
agcaacgaaa gtgacgacgt cagcacagac cgtggccctg cgccaccttc cccgctcaag 240
gagacctcct tttccatcgg gctgcaagta ctgtttccat tcctcctggc aggctttggg 300
accgtggctg ctggcatggt gttggacatc gtgcagcact gggaagtctt ccagaagggtg 360
acagaggctt tcattcctagt gcctgcgctg ctggggctca aagggaacct ggaaatgacc 420
ctggcatcaa ggctttccac tgcagccaac attggacaca aggacatgta tt 472

```

<210> 2017

<211> 877

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (111)...(880)
 <223> similar to gi2337952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2017
 acctcacaag cggatgccgg ggctttctcct ggctgcccc a ggcgccgcgg atctgtctgc 60
 cgaggcgcg cttccactccc agagtttatt cctcgttcct tcttcagtcc tgctcgtcgg 120
 aggacccggg tgccatgggtg aaggaaaaag tggcccaccc tcaggaccct caccacccat 180
 cagagaagcc tgtcattcac tgccataaat gtggggagcc ttgcaagggt gaagtgttc 240
 ggggtccagac caaacatttc cacatcaagt gtttcacctg caaagtgtgt ggctgtgacc 300
 tggcacaagg gggctttcttc ataaagaacg gagagtatct ctgcaccctg gactaccagc 360
 ggatgtacgg gacacgctgc catggctgtg gggagtgtgt ggagggcgaa gtggtgactg 420
 ctctgggcaa gacctaccat cccaattgct ttgcttgtag tatctgcaag cgcccgtttc 480
 cacccgga gacagtcaca ttcaatggga gagactgcct ttgtcaactc tgtgcacagc 540
 cgatgtcgtc cagtccgaaa gaaaccacct tctccagcaa ttgtgccggc tgcggaagag 600
 atatcaagaa tgggcaggcg ctgctggcg cgggataagca gtggcacttg ggggtgcttta 660
 aatgcaagtc ctgctgggaag gtcctcaccg gggagtacat cagcaaggat ggtgctccgt 720
 actgtgaaaa ggactaccag ggactctttg gggtgaaatg tgaggcgtgt caccagttta 780
 tcacagggaa agtcctggag gcaggtgaca aacattacca ccccagctgt gcacgatgca 840
 gcagatgcaa ccagatgttc acagaaggag aggaaat 877

<210> 2018
 <211> 494
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(493)
 <223> similar to gi386433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2018
 cccaccccca ggcaacatga actttccag ccaacccttc aaccagcctc tgggtcaaaa 60
 ctttagtcct cccagtgggc agatgatgcc gggcccagtg gggggatttg gtcccagat 120
 ctcaccaccc atgggacagc ctcccagagc agagctgggc ccaccttctc tgtcccaacg 180
 atttgctcag ccaggggctc cttttggccc ttctcctctc cagagacctg gtcaggggct 240
 ccccagcctg ccgcctaaca caagtccttt tcttggtccg gacctggct ttcttgccc 300
 tgggtggtgag gatgggggga agcccttgaa tccacctgct tctactgctt tccccagga 360
 gcccactca ggctccccgg ctgctgctgt taatgggaac cagcccagtt tcccccgaa 420
 cagcagtggt cgggggtggg gcactccaga tgccaacagc ttggcacccc ctggcaaggc 480
 aggtgggggc tccg 494

<210> 2019
 <211> 600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(358)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2019
 cccacgcgtc cgccccacgcg tccgcccacg cgtccgcccc cagagccaag accttctcca 60
 gaaggtgacc cttccccccc accaccacca atgtcagccc tgggtccccga cactcccccg 120
 gacaccctc ctgccatgaa gaatgccact agctctaagc agctcccact ggaaccagag 180
 agccctcag ggcaggtcgg gcctaggcca gccccccgc aggaagagtc cccttcctct 240
 gaagcaaaga gcagaggacc caccaccacca gccatgggccc cacgggatgc cagacctcct 300
 cgaaggagca gccagccatc tccaacagca gtgccagcct ccgacagccc tcccaccaag 360
 caagaggaga agaaggcagg agagagacac aagctggcaa aggagcggcg agaagagcgg 420
 gccaaagtacc tggcggccaa gaaggcagtg tggctggaga aggaggagaa ggccaaggcg 480
 ctgcgggaga agcagctcca ggagcggcgc tgccggtttt agggagcaaa cgtcttaaag 540
 ccgagcaacg ccgttcaagc cttggaggaa cggctagcgg aagaagtttg tggaaaacaa 600

<210> 2020
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(625)
 <223> similar to gi5689517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2020
 ttttcagatg gtggccagca gagatctgca accccaggtc tgtgccactg aacatccagg 60
 gccttaaaca tgacttgggg gacttccctg tattcttctt tggttctcat gactactact 120
 gggtagacca gggcagagtg ttcccttatg ttgaaggaaa caaaagcttt gctgaagggc 180
 agactagtat taacaagacc ttcaaaaagg cactggaaga agctgcaaaa cgtttccagg 240
 aattgaaagc acaaagagaa agtaaagaag ccctagagat tgaaaaaac tcaagaaaac 300
 cccctcccta caaacacatc aaagctaaca aagtaatagg aaaggtgcag atccagggtg 360
 ctgacctgtc agagattccc cgctgtaact gcaagccagc tgatgaaaac ccttgtggct 420
 ttggaatcgga gtgcctgaac agaattgttg agtatgaatg ccaccgcag gtgtgccag 480
 ctggagatcg ttgtcagaac cagtgcctta caaagagact atacctgat gcagagatca 540
 tcaaaacgga gcggagaggc tggggcctca ggacaaaag gagcattaag aagggtgaat 600

<210> 2021

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(510)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2021

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| atcgaccgcc | atttgacgcc | gcgctgcagg | aattcggcac | gagggaaagc | cttcaactct | 60 |
| tctaattcct | gtcagtgca | tgaaagaact | catattggag | aaaaaccata | tgaatgtaaa | 120 |
| cgatgtggca | aatcattcag | ttggtccatt | tctcttcgat | tgcatgaaag | aactcatact | 180 |
| ggagagaaac | cttatgagtg | taaacagtg | cataaaacct | tcagtttttc | aagttccctt | 240 |
| cgagaacacg | aaacaactca | cactggagag | aaaccctatg | aatgtaaaca | atgtggtaaa | 300 |
| accttcagtt | tttcaagttc | ccttcaaaga | catgaaagga | ctcacaatgc | agagaaaccc | 360 |
| tatgaatgta | aacagtggtg | gaaagccttc | aggtgttcaa | gttatttttcg | aattcatgaa | 420 |
| aggtcacaca | ctggagagaa | accctatgaa | tgtaaacagt | gtggaaaagt | tttcattcgt | 480 |
| tccagttcct | ttcgactgca | tgaaagaac | | | | 509 |

<210> 2022

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(113)

<223> similar to gi1737205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2022

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cattttaccc | ggctgcagga | attcggcacg | agcctgcctc | tacctggtct | gccgtacgga | 60 |
| gggcacgccg | cacatgctcc | tggaacctcag | cgacctgctc | caggtagaca | gcctccgtcc | 120 |
| tgcatctttc | cccacctggg | gttgtgacct | gggggttggtg | accagggttg | tgaccggggg | 180 |
| gtaccccagg | tgccctccag | catctcagtg | gccggtctgt | gctgcctgcc | cagtcaggaa | 240 |
| gttttgggtc | gtaggatgag | gggccttcag | gacatggggg | tcacagtccg | agacttggtg | 300 |
| gagtggtggg | ctccatggca | ggagggcacc | tgccaatgct | gggcacgggt | gggtgttagc | 360 |
| taggcctggg | tgaacagtga | acttttgtcc | tacacaaagg | agattatttt | caattaaaaa | 420 |

atttttttgt gagtaaaaaa aaaa

444

<210> 2023

<211> 636

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(639)

<223> similar to gil651341 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2023

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| gggccgagtg | tctggaggcc | tctattgccc | gatatgccca | ccgtgtcgcc | aatagccggt | 60 |
| atacctttga | cggtgaaacc | gtgacgcttt | cgccaagtca | gggcgttaac | cagctgcacg | 120 |
| gcgggcccga | agggttcgac | aaacgtcgct | ggcagattgt | gaaccagaac | gatcgtcagg | 180 |
| tgctgtttgc | cctgagttca | gatgatgggt | atcagggctt | cccgggtaat | ctcggcgcgga | 240 |
| cggtgcaata | tcgtctgacc | gacgataacc | gtatctccat | tacttatcgc | gccacagttg | 300 |
| ataaaccttg | cccgggtgaat | atgactaatc | acgtctatct | caatcttgac | ggcgagcagt | 360 |
| ctgacgtgcy | caatcacaag | ttgcagattc | tggcggacga | atatctgccg | gttgatgaag | 420 |
| gcggcattcc | gcacgacggc | ctgaaatctg | tcgccggaac | gtcttttgat | ttccgcagcg | 480 |
| ccaaaatcat | cgccagtgag | tttcttgccg | acgacgatca | gcgcaaagtg | aaagggttacg | 540 |
| atcacgcatt | cttggttacag | gccaaaggcg | atggcaagaa | agtggcgggcg | catgtctggt | 600 |
| cagcagatga | aaaattgcag | ctgaaggtct | acacca | | | 636 |

<210> 2024

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1044)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (18)...(731)

<223> similar to gi2343283 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2024

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| gaattcggca | cgagagatct | caggactccg | tgtcatctcc | ttcgccacag | aagcagaagt | 60 |
| cagcctcggc | cctcacctac | actgcttcct | ccacatctgc | caaaaaggcc | tcgggcccctg | 120 |
| ccacaaggag | ccctttccca | cctgggaaga | gcaggacttc | agaccacagc | ttgagtagag | 180 |
| agggctccag | acaaaagcttg | ggttctgaca | gagccagcgc | cacctccacc | tccaaaccca | 240 |
| attccctcgc | ggtgagccag | gcccagagcag | gggagggcag | gggggcccggg | aagcacgtgc | 300 |
| ggagctcctc | catggccagc | ctgcgtcccc | ccagcacaag | catcaagtct | ggtttgaaga | 360 |
| gggacagcaa | gtctgaggac | aaggggctgt | ccttcttcaa | atcagccttg | agacagaagg | 420 |
| aaaccggcg | ctcgacggat | cttggaaga | cagccttgct | ctctaaaaag | gctggtggga | 480 |
| gctctgttaa | gtctgtctgt | aagaacaccg | gggacgacga | ggcagagaga | ggccaccagc | 540 |
| ctccagcttc | ccagcagcca | aatgcaaata | caacgggaaa | agagcagctt | gtcaccaagg | 600 |
| accctgcttc | tgccaaacat | tccctgctgt | ccgctcgcaa | atccaagtct | tcccaactag | 660 |
| actctggagt | tccctcgtct | ccgggtggca | ggcagtcctgc | agagaaatcc | tcaaaaaagt | 720 |
| tatcttctag | catgcaaacc | tctgcacggc | cttctcaaaa | acctcaggga | tatttctgca | 780 |
| atcgaagtgt | tttatctgta | aagatgttta | tttatctaga | acctctgccc | tcccacaaaa | 840 |
| gccttctgtg | cttttgcttt | gtactttttt | gagtnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 900 |
| nnnnnnnnnn | nnnnnnnnng | tctaattcaa | tagcatattg | ctcaaagcga | cgtcttattc | 960 |
| tgccattgaa | ccaaattgca | gctataggca | atacattgac | accaacctta | ctggaacatt | 1020 |
| tgtgtacgat | tcctcagacg | acg | | | | 1043 |

<210> 2025

<211> 690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(291)

<223> similar to gil665827 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2025

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| aaagtggcag | tgtttcttct | gaaattctca | ggcagtcaga | ctgtcttagg | caaattcttga | 60 |
| taaaatagcc | cttatccagg | tttttatcta | aggaatccca | agaagactgg | ggaatggaga | 120 |
| gacagtcaag | ggttatgtca | gaaaaggatg | agtatcagtt | tcaacatcag | ggagcgggtg | 180 |
| agctgcttgt | cttcaatttt | ttgctcatcc | ttaccatttt | gacaatctgg | ttatttaaaa | 240 |
| atcatcgatt | ccgcttcttg | catgaaactg | gaggagcaat | ggtgtatgac | aagccgccga | 300 |
| aatttgccat | gtcacgagag | caaattgtcac | agtcatgttc | tcacacggca | cataatgcaa | 360 |
| gtctgttgac | agatgcgggt | ccattgtcat | gtggggagtc | gagggcgagc | tgtttgtttt | 420 |
| tgtaacgatg | ttgggaagtg | atggctctgc | agtcacaaa | agcagccttc | tctcactggc | 480 |
| tgacccgatg | aacattacga | agttctagaa | caaacatcac | ttcaaaatgc | ctggagtaat | 540 |
| tctctttata | tcaactaatt | tcaagaagaa | aacctgcaga | aactaaccct | acctctctca | 600 |
| acgagaatat | tgtgtccacg | tctcttttac | ttatacgacc | cgtctcttat | tctctttata | 660 |
| cacaacgtca | taactaaacg | agcacaacac | | | | 690 |

<210> 2026

<211> 516

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (105)...(519)
<223> similar to gi2809057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2026

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| attggaccgc | ctgcggaatt | cggcacgaga | gcggcctatc | aacagaggca | ttttctgctt | 60 |
| atggtaataa | gacggacaac | acaagagaaa | agaggacca | cagaaggaca | aaacgttttt | 120 |
| tatcctatcc | acggtttgta | gaagtcttgg | tggtggcaga | caacagaatg | gtttcatacc | 180 |
| atggagaaaa | ccttcaacac | tatatcttaa | ctttaatgtc | aattgtagcc | tctatctata | 240 |
| aagaccaag | tattggaaat | ttaattaata | ttgttattgt | gaacttaatt | gtgattcata | 300 |
| atgaacagga | tgggccttcc | atatctttta | atgctcagac | aacattaaaa | aacttttgcc | 360 |
| agtggcagca | ttcgaagaac | agtccaggtg | gaatccatca | tgatactgct | gttctcttaa | 420 |
| caagacagga | tatctgcaga | gctcacgaca | aatgtgatac | cttaggcctg | gctgaactgg | 480 |
| gaaccatttg | tgatccctat | agaagctggt | ctatta | | | 516 |

<210> 2027
<211> 886
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(850)
<223> similar to gi2121234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2027

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| cgctcgggga | ccagttctac | aaggaagcca | ttgagcactg | ccggagttac | aactcacggc | 60 |
| tgtgtgcaga | gcgacgcgtg | cgtcttccct | tcctggactc | acagactggg | gtggcccaga | 120 |
| acaactgcta | catctggatg | gagaagaggc | accgaggccc | aggccttgcc | ccgggccagc | 180 |
| tgtatacata | ccctgcccgc | tgctggcgca | agaagagacg | attgcacca | cctgaagatc | 240 |
| caaaactgcg | gctgctggag | ataaaacctg | aagtggagct | ccccctgaag | aaggatgggt | 300 |
| tcacctcaga | gagcaccacg | ctggaagcct | tgctccgtgg | cgaggggggt | gagaagaagg | 360 |
| tgatgcccag | ggaggaggaa | agcatccagg | aaatcacagag | ggttttggaa | aatgatgaaa | 420 |
| atgtagaaga | agggaaatgaa | gaagaggatt | tggaagagga | tattcccaag | cgaaagaaca | 480 |
| ggactagagg | acgggctcgc | ggctctgcag | ggggcaggag | gaggcacgac | gccgcctctc | 540 |
| aggaagacca | cgacaaacct | tacgtctgtg | acatctgttg | caagcgctac | aagaaccgac | 600 |
| cggggctcag | ctaccactat | gctcacactc | acctggccag | cgaggagggg | gatgaagctc | 660 |
| aagaccagga | gactcggctc | ccacccaacc | acagaaatga | gaaccacagg | ccccagaaag | 720 |
| gaccggatgg | aacagtcatt | cccaataact | actgtgactt | ctgcttgggg | ggctccaaca | 780 |
| tgaacaagaa | gagtgggcgg | cctgaagagc | tggtgtcctg | cgcagactgt | ggacgctctg | 840 |
| ctcatttggg | aggagaaggc | aggaaggaga | aggaggcagc | ggccgc | | 886 |

<210> 2028
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(439)
 <223> similar to gi3645961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2028

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| aatcgagacc | ctcggcattg | gcggggccatt | cttcttgcac | aacccataac | tccatcatca | 60 |
| cttggaagta | ctttcttgtg | gctggctgta | catgaggatg | gtttaagcct | cttagaatac | 120 |
| aactccatga | ggttaatagt | cagctatgtg | tacaagagtc | taatgacctt | tggaggctat | 180 |
| caagatgatt | ttatggtagt | cattaacaat | acacattcaa | aggacaaacc | aacagagaaa | 240 |
| ttactttttg | ccatggcaaa | acccaagatt | cttgaaatca | ctcttttgat | cgccagttac | 300 |
| ataaaacaact | tccatcagca | aaaggcagca | tttcaccacc | tctctgctcc | agcactgctc | 360 |
| tcagcccaga | cccggggacc | ccaagccaga | atgatgggaa | gccagcctct | tctgtcaagc | 420 |
| agcagaccga | ccaaaggccc | caccttactc | tgaaagctgg | ggagcctgaa | cattcactcc | 480 |
| ttgtcctcca | tgctgtggct | gtatcagctc | cctacaagtt | cgtttaacac | tggcagcacg | 540 |
| gcagccacac | accggtattc | caaaccttaa | caatgaaggg | ggtagtctc | ttttatttga | 600 |
| ttcttaaata | ttcaaataaa | tattaacagt | aaaacataaa | caccaaaaaa | aaaa | 654 |

<210> 2029
 <211> 2015
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (285)...(1022)
 <223> similar to gi3549261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2029

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tttcgtccac | gtcctgctcc | ccctggtgaa | gaagctgccc | tgggcttgct | gtcctagggg | 60 |
| ctccagacat | gtctgagggt | aagagccgga | agaagtcggg | gccaaggga | gcccctgctg | 120 |
| cggagcccgg | gaagcggagc | gagggcgga | agaccccggt | ggcccggagc | agcggaggcg | 180 |
| ggggctgggc | agaccccgga | acgtgcctga | gcctgctgtc | gctggggacg | tgccctgggcc | 240 |
| tggcctgggt | tgtatttcag | cagtcagaaa | aatttgcaaa | ggtaggaaaac | caataccagt | 300 |
| tactgaaact | agaaaccaat | gaattccaac | aacttcaaag | taaaatcagt | ttaatttcag | 360 |

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|------|
| aaaagcttga | gtctactgaa | agcatcctgc | aggaagctac | atcatccatg | tctttgatga | 420 |
| cccagtttga | gcaggaagta | tccaacctcc | aagatatcat | gcatgacatt | caaaataatg | 480 |
| aagaggtgct | cactcaaagg | atgcaaagcc | ttaatgagaa | atttcagaat | attacggatt | 540 |
| tctggaagag | aagcctagaa | gaaatgaaca | ttaatacaga | cattttcaaa | tcagaagcaa | 600 |
| aacatatata | ttctcaagta | actgtccaaa | ttaactcagc | tgagcaggaa | ataaaattgc | 660 |
| tactgaacg | gctaaaagat | ttggaagata | gcacactaag | aaatattaga | acagtaaaaa | 720 |
| gacaagaaga | agaagatctc | ctgcgagtag | aggagcagct | aggctctgat | acaaaggcaa | 780 |
| ttgaaaagtt | agaagaggaa | cagcatgccc | tctttgccag | agatgaagat | ctgactaata | 840 |
| aactttccga | ctacgaaccc | aaagttgaag | aatgcaagac | acatttgcca | acaattgaaa | 900 |
| gtgctattca | ctctgttctc | agagtctctc | aggatctgat | agaaacagaa | aagaaaatgg | 960 |
| aagacttgac | tatgcagatg | tttaatatgg | aagatgatat | gctgaaagca | gtgtctgaaa | 1020 |
| taatggagat | gcagaaaacc | cttgaaggat | tttttttatg | ataatagcat | attaaagatg | 1080 |
| caaaatgaac | tggatattct | aaaagaaaaa | gttcatgatt | ttatagcata | ctcaagtaca | 1140 |
| ggagaaaagg | gaacttttaa | agaatataat | atagaaaata | aaggaattgg | tggtgatttt | 1200 |
| taaattcatg | acattttatt | tgatgaacca | tatcattata | cataaattga | ttagtccatt | 1260 |
| gattttgagt | tactttgata | cgcctcatct | tatcctacat | tattggaaaa | taaatgagat | 1320 |
| gtccacacaa | atggattatc | cacataatca | aagcttatct | ttttaagcac | taaaacttac | 1380 |
| ttcattgtaa | ctatttgaaa | tagaaatagt | tctttaaaaa | tatttctcta | cttttaaaac | 1440 |
| aagatactta | atatttttaa | tgttttttaa | agcattaatg | gacatcatca | ttaatttcac | 1500 |
| ctattatatt | gtaccacacat | atattgatgt | ctccaggggc | taataaagag | tatttaccac | 1560 |
| ttcactaaat | gaccccaatt | tgccattttc | aaacctatgt | ctcatacctt | ttctgtcacc | 1620 |
| tgaacttact | gtcaggttgg | ttggtaatgt | gcctgcctca | gccagttcac | tttcttaggt | 1680 |
| aattcactgc | aggttaagaa | tccaacacaac | caagttcatg | ggaattttgt | gtaaaataaa | 1740 |
| agataacatg | cctgagggag | agcctggtgc | ctttgctatg | aattaatatg | cactttctga | 1800 |
| aaactctaaa | gcctgggaaa | catttttagtt | tttggttaagg | ttctaaactg | tgttacagat | 1860 |
| acttgtaaga | cttttaaaat | cagagtaagt | atgttcttac | ataaggcctt | tcttaggaat | 1920 |
| tatgtgtata | taaatctttg | aaatatcttt | atatacctga | gttttaggtt | ccaactgtgt | 1980 |
| tagacatgag | tttgctagat | ccatggtctc | tagat | | | 2015 |

<210> 2030

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (294)...(632)

<223> similar to gi3694664 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2030

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| aatcaaccat | agtgagtttt | gtccttaagt | ccttggtgat | tactgaaaa | cagacacgtg | 60 |
| tttccctgaa | ggtagtggtt | tccctggcatc | gtgtttggtt | tggtgtgtgc | tcagagggag | 120 |
| aaactgagaa | aaaagatgat | ggaatatact | agatgccgaa | gaaacattct | gatgaggagc | 180 |
| cgataaaaac | ttgaattgga | atggatgcgt | gttcttaacc | gggtccatt | atcaatgacc | 240 |
| tttcataact | ccaagaataa | gaatgttctt | ctctctgaaa | ctgtgatgtt | gctcttcagg | 300 |
| agtccttaccg | ccagataatg | aagatgctgac | cgaaagactt | gaaaaaacgg | ctgatggtga | 360 |
| aattccgtgg | ggaagaaggt | ttggattacg | gtggtgtggc | cagggagtgg | ctttacttgc | 420 |
| tgtgccatga | aatgctgaat | ccttattacg | ggctcttcca | gtattctacg | gacaatattt | 480 |
| acatgttgca | aataaatccg | gattcttcaa | tcaaccccg | ccacttgtct | tatttccact | 540 |

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ttgtggggcg gatcatgggg ctggctgtgt tccatggaca ctacatcaac gggggcttca 600
cagtgccctt ctacaagcag ctgctggggg 629

```

```

<210> 2031
<211> 722
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (36)...(725)
<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2031
atcgagacca gggtcagtgt ggtggaattc cgggctgag ccagcatcgc cgcacgcaca 60
gcggcgagaa gccgtaccgc tgccccgact gcgggaagtc cttcagccac ggtgccaccc 120
tggtctagca cegtggcatc cactactgggg cgcgccgta ccagtgcgcg gcctgcggca 180
aggccttcgg ctggcgctcc acgtgtctga aacatcgag cagccacagc ggggagaagc 240
cgcaccactg cccggtgtgt ggcaaggcct tcgggcacgg ctcgctcctg gcacagcacc 300
tgcgacgca cgggcgcccg cggccccaca agtgcccggg gtgcgccaag ggcttcggcc 360
agggtctctg gctgctcaaa cacctgcgca cgcacacggg cgagcggccc taccctgtgc 420
cgcagtgcgg caaggccttc gggcagagct cggcgctgct gcagcaccag cgcacacaca 480
cggccgagcg cccctaccgc tgccccact gcggcaaagc cttegggcag agctccaact 540
tgcaacacca cctgcgcata cacacgggag agcgcccta cgctgcccc cactgctcca 600
aggccttcgg ccagagctca gcgtgtctcc agcacctgca cgtgcattcg ggcgagcgtc 660
cctatcgctg tcagctctgc gggagggcct tcggccaggc ctccagcctc accaagcaca 720
aa 722

```

```

<210> 2032
<211> 527
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (360)...(518)
<223> similar to gi535518 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2032
aggggggacc cagcgtgcg gccagttgta caggaactgc caaaggctac agaaattctt 60
tctccctatg tcccagccta cccccacttt agcgaggcca acagccgcct cagaaaccag 120

```

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| attcaggagc | taacatgccc | caggtctcac | gaggatcaga | gactccagag | gccaggggaag | 180 |
| gagatcaagg | tagtcaagcg | ggggtcgtct | cagatctggt | tgtgctcgag | ctatgcaaat | 240 |
| gcctctcacg | gagatgagag | gacctatcta | ttatgatgac | cagggccaca | tccggagggg | 300 |
| gcaacagact | ttcatctatc | agcccttttc | aaccactgat | ctactaaact | ggaaacactc | 360 |
| tgaaccctgc | catcttgctc | ctgggtatcag | agagccctgt | cgtgcataac | tgtgtagaag | 420 |
| tgttggaact | agtttactcc | agcagacctg | atctccggga | ccagccttgg | gcatcagtag | 480 |
| actggaagct | atatgtggac | aggagcagct | tcatcaaccc | acaaggg | | 527 |

<210> 2033
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (133)...(442)
 <223> similar to gi896065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2033 | | | | | | |
| ggggattgag | accttacgtc | gtccactatc | catgtggtgg | aattccaaga | acttctcttc | 60 |
| cccgaataaa | tcagcggggg | actctttgaa | gctgcacatt | ctgattcagc | aggcctgaga | 120 |
| ttctacattt | gtatgtcttc | tcagaaacaa | tcggcctgga | aggttatatt | taaaaagaaa | 180 |
| gtttctcttt | tgaatattgc | cacaagaata | atgggtggtc | agaaatctgg | aacagagtat | 240 |
| cctgagaatc | tgcccacat | gaaggctaca | gttgaaaata | aagattctgt | tctgaatata | 300 |
| gccacaaaa | tgaaggatgt | acaaacatcc | acaccagaag | aacaagactt | agaaatggca | 360 |
| tcagagggag | agcaaaagag | gcttgaagaa | tatgaaaata | accagccaca | gcaactggat | 420 |
| gatgctcgca | acaaagctga | caatcaagaa | aaggcaatac | ttaatattca | agccagatgt | 480 |
| gatgctagag | tacaa | | | | | 495 |

<210> 2034
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(558)
 <223> similar to gi3116439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|----|
| <400> 2034 | | | | | | |
| catcgatgac | cttactcagt | gtgggtggaat | tccaggttca | aagcctgaga | ccaaagagct | 60 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gcaggatttg | aatccatatt | tccaggggta | actattaata | aaaatgtagc | ttggataaat | 120 |
| tacatctatt | ataaccagca | gtgggtttatt | aattacacca | gggatgctat | caaaggaata | 180 |
| gctgaccaat | tagggcctac | tagccaaatg | gcttgggaaa | acagaatggc | cctagacatg | 240 |
| atattagcca | aaaaaggtgg | agtttgtgtt | atgatcaaaa | ctcaatgttg | taccttcac | 300 |
| ccaaacaata | ctgcccctag | tgggagcata | acaagggcct | tacaaggcct | tactgcttta | 360 |
| tccaatgaat | tagctaaaaa | ttctggagtc | aatgaccctt | tttcaggatg | gctagaaagg | 420 |
| tggtttggtg | aatggaaagg | aatcatagcc | tcaattctta | cttctcttgc | agccgtaata | 480 |
| ggtgtagcca | ttcttttttg | gtgttgtgtc | acaccatgta | tccgtgggct | agtacagagg | 540 |
| cttatagaaa | cagtacttac | taaaacctcc | cttagctctc | ctccacctta | tta | 593 |

<210> 2035

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (324)...(451)

<223> similar to gil469866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2035

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcttttttc | tataaatgtt | actccgtagc | taataaatgt | ggctagtggg | tgtcttttga | 60 |
| gtgctggggc | cccagctaga | gctgcccctc | ctgtctgggg | cagacgccgt | gaggagcccc | 120 |
| acgctcggcc | caggtggcgc | gagctagtgt | ttggcccca | aaactgactg | ctgagagcca | 180 |
| gagatacgaa | tgaaatgata | aatcctgagg | tttatttcac | atggagtgtt | taaagagcag | 240 |
| aaggaagtgc | gtgataagt | ccctttcgcg | gtgagcacgc | gagtctcatg | ttctctgccc | 300 |
| ttcccgtct | gtgcccttgg | cagctcccct | cccacccggt | cactccgtcc | agcaagcacg | 360 |
| cagacagcaa | gcccgcgcgc | ctgacgccc | cctaccacac | gcagccccac | caccgaattc | 420 |
| caccgcactg | gtcgagtggg | cattcaag | | | | 448 |

<210> 2036

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(1100)

<223> similar to gi295941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2036

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|------|
| ggaattcagc | caatcaagag | attggccacc | tccaagatat | ggtaaggaaa | agtgaacaag | 60 |
| gtcttggctc | tgcaagaagga | cttattgcta | gtcttcagga | ctcccaggaa | aggcttcaga | 120 |
| atgagcttga | cttgactaaa | gacagcctaa | aggagaccaa | ggatgctcta | ttaaattgtg | 180 |
| agggtgagct | agaacaagaa | aggcaacagc | atgaagaaac | aattgctgcc | atgaaagaag | 240 |
| aagagaagct | caaagtggac | aaaatggccc | atgacttaga | aattaagtgg | actgaaaatc | 300 |
| ttagacaaga | gtgttctaaa | cttcgtgaag | agttaaggct | tcaacatgaa | gaggataaga | 360 |
| agtcagcaat | gtctcaactt | ttgcagttga | aagatcgaga | gaaaaatgca | gcaagagatt | 420 |
| catggcagaa | gaaagtagaa | gatctcttaa | accagatttc | cttgctgaaa | cagaatctgg | 480 |
| agatacagct | ttcccagctc | cagacttctt | tgcaacaact | gcaagcccag | tttacgcaag | 540 |
| aacgacagcg | gcttacgcaa | gagcttgaag | aattagagga | gcaacatcag | caaagacaca | 600 |
| aatcattaaa | agaagcacat | gtccttgcac | ttcaaactat | ggaagaggaa | aaggaaaagg | 660 |
| agcaaagagc | tcttgaaaat | cattttacaac | agaagcattc | tgcaagagctt | caatcactaa | 720 |
| aagatgcaca | cagagagtca | atggagggct | tccggataga | aatggaacag | gaacttcaga | 780 |
| ctcttcgggt | tgaattagaa | gatgaaggaa | aggctatgct | tgcttccttg | cgctcagaac | 840 |
| tcaaccatca | acatgcagct | gcaattgatt | tgttacggca | taatcatcat | caagaattgg | 900 |
| cagctgctaa | aatggaatta | gagagaagca | tagacatcag | cagaagacag | agtaaggagc | 960 |
| acatatgtag | aattacagat | ctacaagagg | aattaagaca | cagagagcat | cacatctctg | 1020 |
| aattggataa | ggaggttcag | caccttcacg | agaatataag | tgccctaacc | aaagaactgg | 1080 |
| aatttaaggg | gaaagaaatt | ctc | | | | 1103 |

<210> 2037

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(367)

<223> similar to gi2224551 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2037

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atttcgtggc | tgaggcggcg | tcatgtcctc | cgaggtgtcc | gcgcgcgcgc | acgccaagaa | 60 |
| gctgggtgcg | tccccgagcg | gcctgcgcac | gggtccccga | caccgcgcct | tcggaagccc | 120 |
| gttcggcctg | gaggagccgc | agtgggtccc | ggacaaggag | tgctcgagat | gtatgcagtg | 180 |
| tgacgccaa | tttgactttc | tcaccagaaa | gcaccactgt | cgccgctgcg | ggaagtgcct | 240 |
| ctgcgacagg | tgctgcagcc | agaagggtgc | gctgcggcgc | atgtgctttg | tggaacccgt | 300 |
| gcggcagtg | gcggagtgcg | ccctgggtgc | cctcaaggag | gcggagttct | acgacaagca | 360 |
| gctcaaagt | ctcctgagcg | gtaaggacgg | gtgtcctgca | cagtcccgcg | cgctccgcca | 420 |
| gccggtcct | cgtgtctgtg | gcgatgctgt | gggctgtgca | cggggcgttc | tgcttctctg | 480 |
| acgttctctc | gccctccctc | ccttccccgt | tttcttcttg | attcgtttag | aagcggttat | 540 |
| agagccttcc | cttcttttca | gaggcggaat | gtcgtctaaa | atgttggtgc | tgactccgct | 600 |
| gggcacgtcc | atcaggtggg | aggggagggc | ctgggcccag | gcagcacctt | cctccttccc | 660 |
| ccgggaggaa | cccggcgccg | gcgctcgggc | gtttgcaacc | actgtggctc | ctcggagggg | 720 |
| ccggagacct | t | | | | | 731 |

<210> 2038
 <211> 433
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(436)
 <223> similar to gi4586836 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2038
gtgactccaa ggaaccaaga ctgcagcagc tgggcctcct ggaggaggaa cagctgagag    60
gccttggatt ccgacagact cgaggataca agagcttagc aggggtgtctt ggccatgggc    120
ccctgggtgct gcaactcctc tccttcacgc tcttggctgg gctccttgtc caagtgtcca    180
aggtccccag tcccataagt caggaacaat ccaggcaaga cgcgatctac cagaacctga    240
cccagcttaa agctgcagtg ggtgagctct cagagaaatc caagctgcag gagatctacc    300
aggagctgac ccagctgaag gctgcagtgg gtgagcttcc agagaaatct aagctgcagg    360
agatctacca ggagctgacc tggctgaagg ctgcagtggg tgagcttcca gagaaatcta    420
agatgcagga gag                                         433
  
```

<210> 2039
 <211> 738
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (187)...(727)
 <223> similar to gi1934852 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2039
ccaaacctga caacacaaca taggagctgc taatttgagg ttctacccat tcaaaagcaa    60
atacttacia aatacctggg agacagtgag aacagacaat gcagtgtcac cttgcatcct    120
tacatgtgat gtcctggcta caatcctgcc cgttgctcctt ggtatatgaa taacacttca    180
tctcagtttg tgtgcagctt ggtgtattat ggcctaactc tgagtgcggg tgatctaggt    240
ggaagtattt atgccaacct ggccctgtct ggcctcatag agattccatc ttaccctctc    300
tgtatctact tgattaacca aaaatggttt ggtcggaagc gaacattatc agcatttctg    360
tgcctaggag gactggcttg tcttattgta atgtttcttc cagaaaagaa agacacaggt    420
gtgtttgcag tggatgaacag ccattccttg tccttgctgg ggaagctgac catcagtgtc    480
gcctttaaca ttgtttatat ctacacctct gagctttacc ctacagtcac caggaatgtt    540
gggcttgaaa ctgtttccat gttctcccga gttggtggga ttattgctcc cttcatcccc    600
tcactgaaat atgtgcaatg gtctttacca ttcattgtct tcggagccac gggctctgacc    660
tccggcctcc tgagtttggt attgcccggag acccttaaca gtccggtgtt aaaaacattc    720
ttcgaccttt aggtgtat                                         738
  
```

<210> 2040
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(613)
 <223> similar to gi498723 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2040
actttccgcg tgcaccacg ctttagatct gtatactttt cactctagag aaatcttaca      60
attgtacggg ttgtaacaag gttttcgtgc gtaattcagt cctggctgtg catactagaa     120
ttcacactgc aaagaaacct tacaagtgtg atgaatgtgg gaaagctttt aatcaacaat     180
cacatctttc acgtcatcgt agacttcata ctggagagaa accttacaaa tgtgaagcat     240
gtgacaaagt ttttggtcag aaatcagctc ttgagtcaca taagagaatt catactggag     300
agaaaccata cagatgtcag gtttgtgaça cagctttcac gtggaattca cagctggcac     360
gacatacaag aattcacact ggagaaaaaa cttacaagtg taatgagtgt ggggaagacct     420
tcagttacaa gtcatcactt gtatggcatc gtagacttca tgggtggagag aaatcttaca     480
aatgtaagggt ttgtgacaag gctttcgtgt gtcgttccta tgtggcaaaa catactagaa     540
ttcacagtgg aatgaaacct tacaagtgtg atgagtgcag caagaccttc agtaacaggt     600
catcccttgt atgcca                                     616
  
```

<210> 2041
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (782)...(1)
 <223> similar to gi37400 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2041
gaagaagggg aaaagaggct ccaggccctt tctccaatca ctccctgcc a cctttctcc      60
tttggattcc ttggctgctt tagcaggctt tcttagaggc taactttgat ctttcttgct     120
  
```

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gcagtttctt | tttgggagag | ctagtcagtc | ccacagagtg | gtatccctag | aagggagaag | 180 |
| taaggattgc | cctcttcttt | aaaatgaaag | ccagctattt | ttcacgccct | ttaactgcag | 240 |
| gtctgctcta | ttttcttttc | tctctctgga | gctgagagtc | agagggccct | tctcctcctc | 300 |
| ctttcagccc | ccaacactaa | gctgatggat | tgataaatac | ctcagcccct | cgcctttctc | 360 |
| aaccacactg | gcaagtcttc | ttaggatctg | atcccagttt | tctggaagca | atcctacccc | 420 |
| agcccattct | tcccagagtc | gagccttaat | ccttctcact | tctcagtgtc | agagcagaaa | 480 |
| tgaatcctgg | ggttgactgt | gtccattcgg | gttattagca | gctaagaagc | ccagacgagt | 540 |
| agtgtgagct | gccttgggag | cctcagtgag | ggcactggga | ctggcctcac | tctcttgccc | 600 |
| ccagcctagt | gggctttctc | ctctgtctct | ccggtggccc | caggcaatcg | actgcatcac | 660 |
| gcanggacgt | gagttggagc | ggccacgtgc | ctgcccacca | gaggtctacg | ccatcatgcc | 720 |
| gggctgctgg | gcagcggagc | cccagcaacg | ccacagcatc | aaggatgtgc | acgcccgcgtg | 780 |
| ca | | | | | | 782 |

<210> 2042

<211> 1134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(1123)

<223> similar to gi508528 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2042

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|------|
| gcggccgcct | cggtacggca | gagcccgggg | ccggcgctgg | cgcggtgga | gggccgagag | 60 |
| ttcagattcc | tcatgcgcca | gccagcgtc | accatcggcc | gcaactcgtc | gcagggctcg | 120 |
| gtggacttga | gcatgggcct | gtccagcttc | atctcgcggc | gccacctgca | gctcagcttc | 180 |
| caggagccgc | acttctacct | gcgctgcctc | ggcaagaacg | gcgtcttcgt | ggacggggcc | 240 |
| ttccagagac | gcggcgcgcc | cgccctgcag | ctgcccagc | agtgtacctt | ccggtttccc | 300 |
| agcacggcca | tcaagatcca | gttcacttcg | ctctatcaca | aagaagaggc | cccagcctcc | 360 |
| ccgctgcggc | cactgtaccc | ccagatctcc | cctctgaaga | tccacatccc | ggagccggac | 420 |
| ctccggagca | tggtcagccc | cgtcccctcc | ccgacgggca | ccatcagtgt | ccccaaactcc | 480 |
| tgcccagcca | gtccacgcgg | tgccggctcc | tccagttacc | gctttgtgca | gaacgtgacc | 540 |
| tccgacctgc | agctggcagc | agagtttgca | gcaaaggccg | cgtcggagca | gcaggcagac | 600 |
| acgtctggag | gagacagccc | caaggatgag | tcaaagccgc | cgttctccta | cgcgagctg | 660 |
| atcgtgcagg | ccatctcctc | cgcccaggac | cggcagctga | ccctgagcgg | gatctacgcc | 720 |
| cacatcacca | agcattaccc | ctactaccgg | acggccgaca | aaggctggca | gaattctatc | 780 |
| cggcacaacc | tctctttgaa | ccgttacttt | atcaaagtcc | cacgttccca | ggaggagcct | 840 |
| gggaaggggt | cctttttggcg | aatagacctt | gcctctgaag | ccaagctcgt | ggaacaggca | 900 |
| ttccggaaac | ggaggcagag | gggtgtctcc | tgcttccgca | cccccttcgg | gcctctgtcc | 960 |
| tcaaggagcg | ctccagcttc | gccacacac | cccgggctga | tgccccctcg | ctccggcggc | 1020 |
| ctgcagaccc | cagagtgcct | gtctcgggag | ggctccccca | ttccacacga | ccctgagttt | 1080 |
| gggtccaagt | tagcttctgt | cccagagtac | cggatttccc | aaccacgcg | tccg | 1134 |

<210> 2043

<211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(418)
 <223> similar to gi533381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2043

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttcgagaccc | tatccatgag | gggaattcct | cacatgctgg | ctttggggcc | acagcagctg | 60 |
| ctggcccagg | atgaggaggg | ggacacgctc | cttcacctgt | ttgcggctcg | ggggctgcgc | 120 |
| tgggcggcat | atgctgcggc | tgaggtgctc | caggtgtacc | ggcgtcttga | cattcgtgag | 180 |
| cataagggca | agacccctct | cctggtggcg | gctgctgcc | accagcccct | gattgtggag | 240 |
| gatctgttga | acctgggagc | agagcccaat | gccgctgacc | atcagggacg | ttcggctctg | 300 |
| cacgtggccg | ctacctacgg | gctcccagga | gttctcttgg | ctgtgcttaa | ctctggggtc | 360 |
| caggttgacc | tggaagccag | agacttcgag | ggcctcacc | cgctccacac | ggccatcctg | 420 |
| gcccttaacg | ttgctatgcg | cccttcgac | ctctgtcccc | gggtgctgag | cacacaggcc | 480 |
| cgagacaggc | tggatttgtg | ccacatgttg | ctgcaaattg | gtgctaata | caccatccag | 540 |
| gtgagcgggg | atgtgggcgg | tcagaccctg | ggagattgtg | tggaatgggg | ccacttggat | 600 |
| gtccgggagc | tccaggcaaa | tgctgacttt | gcctcttcct | tgctgcgtgc | ccttgaacat | 660 |
| gttacttcac | ttctctgtgc | cttaagggtt | ttttgcttgt | ttctttgtca | gtta | 714 |

<210> 2044
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (618)...(775)
 <223> similar to gi339878 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2044

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ggcctaaatc | taaaaaattg | gagctaaatt | tagagtagat | tatgtttcac | tgacatttta | 60 |
| aactatattt | aaaacttact | cttcagtgtc | agttttctcc | tttataaaat | ctgtacatta | 120 |
| gcaacttcct | tcagaggact | actaaaaata | tgaaataaca | ttccctcggc | caggaggagg | 180 |
| gctgagtgtg | gcccctgcc | tctggtgagc | agcaggggtc | tggggagggtc | tgtgctgcac | 240 |
| acaacacagt | actgtcaaca | gtttgcacaa | ggggtacaaa | tcagaacctg | tcttgcaaca | 300 |
| cttttagttg | tcaccctagt | gttaggattt | ggttgtattg | agagctgttt | gttcacattt | 360 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| gaaaatgttt | ttgccatgaa | aagattgcct | ttgtcatatt | tattgcaaaa | tctaaactgt | 420 |
| atgtattgat | atgattcaat | caaataatta | tgtaagttag | tgattaaaat | attgtagagt | 480 |
| atactgaaaa | ggatagctct | caggaagggt | catctgcact | ttttgcaata | tgttacagat | 540 |
| tttgttgcat | atgggttttat | ttgtctcatt | caatgaactc | ttgaatcaaa | ccagttatgt | 600 |
| agtttcctca | ttacagccca | gtgagtgcaa | aaacaaaacc | tttaggatca | agagatgttt | 660 |
| tgccaaataa | ccgtcaactt | tatgagatgg | tcctgacata | taactttcat | caacccaaga | 720 |
| gtgnggaang | tactccaagc | tgcccactac | tttgtgaact | attatatgaa | tctgc | 775 |

<210> 2045

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(421)

<223> similar to gil552526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2045

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ggcgaggaat | tatcatagag | acagagggtg | accaccctaa | gggcattgag | atggatggga | 60 |
| aaatgatgaa | ttcccathtt | ctagatggga | acctggtgcc | cctggaaggg | aaggaagtgg | 120 |
| atgagtcccg | caaagagatg | atccggattc | tcaaggatct | gaagcaaaaa | caccagaga | 180 |
| aggacttaga | tcagctggtg | gagatggcca | attactatgc | tctttccac | caacagaaga | 240 |
| gccgcgcctt | ctaccgtatc | caagccactc | gtatgatgac | tggtgcaggc | aatatcctga | 300 |
| agaaacatgc | agcagaacaa | gccaaagagg | cctccagcat | gagcgagggtg | cacaccgatg | 360 |
| agcctgagga | ctttatttcc | aaggtcttct | ttgacccatg | ttcttaccag | tgcttgga | 418 |

<210> 2046

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(429)

<223> similar to gil813871 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2046

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|-----|
| gggccccgag | tgcagcgagc | gactcaaccc | gcacgacatc | cgcttgctgc | tcgcccagccc | 60 |
| gccgcttatg | cacaagtacg | aggagtthcat | gctgcgcccgc | tacctaacct | cggaccccga | 120 |
| ctgcgcgtgg | tgcccggccc | cggactgcgg | ttatgctgtt | attgcctatg | gctgtgccag | 180 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| ctgccccgaag | ctaacttgtg | agaggggaagg | ttgccagact | gagttctgct | accactgcaa | 240 |
| gcagatatgg | catccaaatc | agacatgcga | tatggcccg | caacagaggg | cccagacttt | 300 |
| acgagttcgg | accaaacaca | cttcaggtct | cagttatggg | caagaatctg | gaccagatga | 360 |
| catcaagcca | tgcccacgat | gcagtgcata | cattatcaag | atgaatgatg | gaagctgtaa | 420 |
| tcacatgacg | | | | | | 430 |

<210> 2047
 <211> 1122
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1123)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1122)...(26)
 <223> similar to gi4210989 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| <400> 2047 | | | | | | |
| gtaattaaat | ctacactatc | tttactaagt | ttttccatac | tgtttctttg | gaaatccaaa | 60 |
| aaactacttt | tttgactaaa | tggatttgac | ctctctgatg | tttttgcaaa | cgaaggcacg | 120 |
| tagctaccaa | atgcgaactc | attaggggag | gctggacttc | taacatttcc | tgaattctga | 180 |
| ccttctcctt | ttggagttga | gaaactgatg | tcttgcaaat | gatgccatt | aaataatctc | 240 |
| tctgaggatt | cagagaacct | gtatgttttg | gggcttctct | ctggggagtg | tagttttgat | 300 |
| tcaaaatcag | gtaacaatgg | caaaacaggg | tattttagat | ttcgagaatc | ttggagttct | 360 |
| ctgtcaattt | cattcagttt | agcaagtagc | atttctctct | tcagtctttc | ttcttctctt | 420 |
| ccttgcaatt | tatccatatt | ctgaattgga | tacattccta | gttggtacct | tccagtttcc | 480 |
| cactctggct | tttcttctct | ttccagtaaa | gatgcctttt | ctttttgctt | tttatcaagt | 540 |
| tcttctcttt | cccattcatc | ctccagcttt | tcaacctcct | gtttttacgac | atggagttct | 600 |
| tcattctgta | caaatttttc | ttctctttcc | ataattgggt | ttagaatccc | tgcttctcca | 660 |
| tgccctgtct | gcttttgaga | ttgcaagtcc | aaagtaagat | gtcctgggtc | ttcccatctg | 720 |
| ttttcgtaac | acataattgt | ttctggagtt | aaaggatatt | cttctggctt | gaagtcttcc | 780 |
| atgggttgta | ctccttttgt | acacaggtct | gcaaaatcac | tctggcatgc | agcatttttt | 840 |
| cttaatgcaa | gttctttctc | tttatttgga | gaggactttg | gcagacgatt | agaatatata | 900 |
| ttttttatat | ccagttctct | ctccttttcc | tttaatttgt | gatatagtcg | ctgtacctcc | 960 |
| ttttgaagaa | ctttattttc | atcatgagcc | tcatatgccc | ttttcctttc | agcaagcaac | 1020 |
| tgctggttga | aactgttagt | actcagttca | aggtttttcg | atagctcctt | aattcttctc | 1080 |
| tcggttgaat | tccaccgcnc | ggncagatgg | actgaaatca | at | | 1122 |

<210> 2048
 <211> 693
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(695)

<223> similar to gi2895758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2048

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| ccatatgtga | tttgttgtgc | atggcattgg | gcagaaaatg | gaccaaggaa | gaattatcaa | 60 |
| aaatacagct | atgatgagag | aagctgcaag | aaaaatagaa | gaaaggcatt | tttccaacca | 120 |
| tgcaacacat | gttgaatttc | tgccgtgtga | gtggcgggtca | aaacttactc | ttgatggaga | 180 |
| cactgttgat | tccattactc | ctgacaaagt | acgaggttta | agggatatgc | tgaacagcag | 240 |
| tgcaatggac | ataatgtatt | atactagtcc | actttataga | gatgaactag | ttaaaggcct | 300 |
| tcagcaagag | ctgaatcgat | tgtattccct | tttctgttct | cggaatccag | actttgaaga | 360 |
| aaaagggggt | aaagtctcaa | tagtatcaca | ttccttggga | tgtgtaatta | cttatgacat | 420 |
| aatgactggc | tggaatccag | ttcggctgta | tgaacagtgt | ctgcaaaaagg | aagaagagtt | 480 |
| gcctgatgaa | cgatggatga | gctatgaaga | acgacatctt | cttgatgaac | tctatataac | 540 |
| aaaacgcagg | ctgaaggaaa | tagaagaacg | gcttcacgga | ttgaaagcat | catctatgac | 600 |
| acaaacacct | gccttaaaat | ttaaggttga | gaattttctt | tgtatggggg | ccccattagc | 660 |
| agttttcttt | gcgttgctgt | gcacccgccc | agg | | | 693 |

<210> 2049

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (193)...(678)

<223> similar to gi4589566 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2049

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| aacaagttat | cttcagaaaa | aagaaattat | gaagtaaattg | cgtaccatca | ggagacatgg | 60 |
| aaaagaaata | aaaccttcaa | ccttatgagg | tttattttca | gaactgaccc | acagtacaca | 120 |
| attgaatttg | ggagacaaca | gagacctaaa | gtgggatgtt | ttagtcaaat | gatattcaaa | 180 |
| aaacataaat | cccttcctct | acataagaga | aataacacaa | gagagaaatc | atatgagtgt | 240 |
| aaggaatata | agaagggtct | tagaaaatat | ttgcacctta | ctgaacatct | gagagaccat | 300 |
| actggtgtga | taccctatga | atgtaatgaa | tgtggaaaag | catttgtagt | tttccagcat | 360 |
| tttatttagac | atcgaaaaat | ccacactgat | ttgaaaccct | atgaatgcaa | tggatgtgag | 420 |
| aaggccttta | ggtttttatt | acagcttatt | cagcatcaga | taattcatac | tggtatgaaa | 480 |
| ccctatgaat | gtaagcaatg | cggaagggtc | tttagacgtc | attctcacct | tacagaacat | 540 |
| cagaaaattc | atggttggtc | gaaacccttt | gaatgtaagg | aatgtggggg | aacgtttaga | 600 |
| ttatatcgac | atatgtgtct | gcacagaaaa | attcatcatg | gtgtgaaacc | ctacaaatgt | 660 |
| aaagaatgtg | gaaagggg | | | | | 677 |

<210> 2050
 <211> 515
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (76)...(492)
 <223> similar to gi3876763 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2050
 agacgggaca cttaccgaag aaggcagatg cagaggacca tctctcgcca gatgtccttt 60
 gatcttaca aactgctggt taccgaggac tggttcagtg acatcagtc ccagaccatg 120
 agaagattac ttaatatgtt ttctgtgaca ggacgattac tgagagccaa tcagattagt 180
 ttcaactggg acaggcttgc tagctggatc aaccttactg agcagtggcc ataccggact 240
 tcatggctca tattatatatt ggaagagact gaaggtattc cagatcaa atgacattaaaa 300
 accatctacg aaagaatatc aaagaatatc ccaacaacta aggatgttga gccacttctt 360
 gaaattgatg gagatataag aaattttgaa gtgtttttgt cttcaaggac cccagtctct 420
 gtggctcgag atgtaaaagt ctttttgcca tgcactgtaa acctagatcc caaactacgg 480
 gaaattattg cagatgtcgt gctgccagag agcga 515

<210> 2051
 <211> 1208
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(1118)
 <223> similar to gil665761 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2051
 tcttgtttga cctgggtgtg gcctacggta ttgactgtct gctgattgat cccaccctgg 60
 ggggccgctg tgacaccttt actactttcg atgcctcggg ggagtgtggg agctgtgtca 120
 atactccag ctgcccaagg tggagtaaac caaaggggtg gaagcagaag tgtctctaca 180
 acctgccctt caagaggaac ctggaaggct gccgggagcg gtgcagcctg gtgatacaga 240
 tccccagggt ctgcaagggc tacttcgggc gagactgtca ggcctgccct ggaggaccag 300
 atgccccgtg taataaccgg ggtgtctgcc ttgatcagta ctcggccacc ggagagtgtg 360
 aatgcaacac cggcttcaat gggacggcgt gtgagatgtg ctggccgggg agattcgggc 420
 ctgattgtct gccctgtggc tgctcagacc acggacagtg cgatgatggc atcacgggct 480
 ccgggcagtg cctctgtgaa acgggggtgga caggccctc gtgtgacact caggcagttt 540

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| tgctgcagt | gtgtacgcct | ccttgttctg | ctcatgccac | ctgtaaggag | aacaacacgt | 600 |
| gtgagtgtaa | cctggattat | gaaggtgacg | gaatcacatg | cacagttgtg | gatttctgca | 660 |
| aacaggacaa | cgggggctgt | gcaaagggtg | ccagatgctc | ccagaagggc | acgaaggtct | 720 |
| cctgcagctg | ccagaaggga | tacaaagggg | acgggcacag | ctgcacagag | atagaccct | 780 |
| gtgcagacgg | ccttaacgga | gggtgtcacg | agcacgccac | ctgtaagatg | acaggcccgg | 840 |
| gcaagcacia | gtgtgagtg | aaaagtcact | atgtcggaga | tgggctgaac | tgtgagccgg | 900 |
| agcagctgcc | cattgaccgc | tgcttacagg | acaatgggca | gtgccatgca | gacgccaaat | 960 |
| gtgtcgacct | ccacttccag | gataccactg | ttgggggtgt | ccatctacgc | tccccactgg | 1020 |
| gccagtataa | gctgaccttt | gacaaagcca | gagaggcctg | tgccaacgaa | gctgcgacca | 1080 |
| tggcaacct | caaccagctc | tcctatgccc | agaagacctg | gtattccttt | accaaggaat | 1140 |
| aaagcctttg | atgccaggac | ccagactcaa | ggagaatctg | aatctctgct | ctcctgcttg | 1200 |
| ctggtcat | | | | | | 1208 |

<210> 2052

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(512)

<223> similar to gi4038413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2052

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| gcgggtggaat | tcacagccc | atgcttggtta | gtctgttaaa | gaagaagaga | aatgacaaca | 60 |
| gtgaggtca | gctcgcccac | ctgatacctg | agctctgctt | tctaacaggg | ctgactgacc | 120 |
| aggcaacatc | tgatttccag | ctgatgaagg | ctgtggctga | aaagacacgt | ctcagtcctt | 180 |
| caggccggga | gcagcgctg | gccaggcttg | tggacaacat | ccagaggaat | accaatgctc | 240 |
| gctttgaact | agagacctgg | ggactgcatt | ttggaagcca | gatattctctg | actggccgga | 300 |
| ttgtgccttc | agaaaaaata | ttaatgcaag | accacatatg | tcaacctgtg | tctgctgctg | 360 |
| actggtccaa | ggatattcga | acttgcaaga | ttttaaatgc | acagtctttg | aatacctggt | 420 |
| tgattttatg | tagcgacaga | actgaatatg | ttgccgagag | ctttctgaac | tgcttgagaa | 480 |
| gagttgcagg | ttccatggga | tttaatgtgg | actac | | | 515 |

<210> 2053

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(424)

<223> similar to gi2827162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2053
gtagctgttt actgaacctt attagaaaac ctcatatagg tttgacagag ctggtacaaa    60
tcatcataaa cacaacacac ctggagcaag cttgtaaata tcttgaggac tttataacta    120
acattacaaa tatTTcccaa gaaactgttc atactacaag actttatgga ctttctactt    180
tcaaggacgc tcgacatgca gcagaaggag aaatatatac caaactgaat caaaaaattg    240
atgaatttgt tcagcttgct gattatgact ggacaatgtc tgagccagat ggaagagcta    300
gtggttattt aatggacctt ataaattttt tgagaagcat ctttcaagtg tttactcatt    360
tgcctgggaa agttgctcag acagcttgca tgtcagcctg ccagcatctg tcaacatcct    420
t                                                                    421

```

<210> 2054

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(810)

<223> similar to gi4567179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2054
acattccacc aggatacaat ctttgatata caacagagtt ttcccaccaa agaaaaagca    60
cataagcatg aaccacaaaa gaaaagttac cgaaaaaaat ctgttgaaat gaaacatagg    120
aaagtcctatg tagaaaagaa acttttgaaa tgtaatgatt gtgagaaagt cttcaaccag    180
agctcatccc ttactcttca tcagagaatt catactggag agaaacccta tgcattgtgtt    240
gaatgtggga aaacgttcag ccagagtgcg aacttggcgc aacataagag aatacactact    300
ggagagaaac cctatgaatg taaagaatgt aggaaagcct tcagccagaa tgcacacctg    360
gccaacatc agagagttca tactggagag aaaccttatc agtgtaaaga atgtaaaaaa    420
gccttcagcc agattgcaca cctgactcag catcagagag ttcatactgg agagagacct    480
ttcgaatgta ttgaatgtgg aaaggccttt agtaatggtt catttcttgc tcagcatcag    540
agaattcata caggagagaa accttatgtg tgtaatgtgt gtgggaaagc ctttagccat    600
cgtggatacc taattgtaca tcagagaatt catactggag agagacccta cgaatgtaag    660
gaatgtagga aagccttcag ccagtatgca caccttgctc aacatcagag agttcatact    720
ggagaaaaac cttatgaatg taaagtatgt aggaaagcct tcagccaaat tgcatacctt    780
gatcaacatc agagggttca tactggaga                                                                    809

```

<210> 2055

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (381)...(622)
 <223> similar to gi3878000 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2055

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| cgagctccaa | gttgaggcc | ctcttcgccc | acccgctgta | caacgtccc | gaggagccgc | 60 |
| ctctctctggg | agccgaggac | tcgctcctgg | ccagccagga | ggcgctgcgg | tattaccgga | 120 |
| ggaaggtggc | ccgctggaac | aggcgacaca | agatgtacag | agagcagatg | aaccttacct | 180 |
| ccctggaccc | cccactgcag | ctccgactcg | aggccagctg | ggtccagtgc | cacctgggta | 240 |
| ttaaccgcca | tgggctctac | tcccgggtcca | gccctgttgt | cagcaaaactt | ctgcaagaca | 300 |
| tgaggcactt | tcccaccatc | agtgtctgatt | acagtcaaga | tgagaaaagcc | ttgctggggg | 360 |
| catgtgactg | caccagatt | gtgaaaccca | gtgggtcca | cctcaagctg | gtgctgaggt | 420 |
| tctcggattt | cggaaggcc | atgttcaaac | ccatgagaca | gcagcgagat | gaggagacac | 480 |
| cagtggactt | cttctacttc | attgactttc | agagacacaa | tgctgagatc | gcagctttcc | 540 |
| atctggacag | gattctggac | tttcgacggg | tgccgccaac | agtggggagg | atagtaaagt | 600 |
| tcaccaagga | aatcctatag | gttcg | | | | 625 |

<210> 2056
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(745)
 <223> similar to gi563129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2056

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| actgtagacc | attagtccag | tgcggtggaa | ttcatcaacc | gaaacaacag | tgtggtacag | 60 |
| gtcctgcttg | ctgctggggc | tgatocaaac | cttgagatg | atttcagcag | tgtttacaag | 120 |
| actgccaagg | aacagggaat | ccattctttg | gaagtctga | tcacccgaga | ggatgacttc | 180 |
| aacaacaggc | tgaacaaccg | cgccagtttc | aagggtgca | cggccttgca | ctatgctgtt | 240 |
| cttgtgatg | actaccgcac | tgtcaaggag | ctgcttgatg | gaggagccaa | ccccctgcag | 300 |
| aggaatgaaa | tgggacacac | acccttggat | tatgcccag | aaggggaagt | gatgaagctt | 360 |
| ctgaggactt | ctgaagccaa | gtaccaagag | aagcagcgga | agcgtgaggc | tgaggagcgg | 420 |
| cgccgcttcc | ccctggagca | gogactaaag | gagcacatca | ttggccagga | gagcgccatc | 480 |
| gccacagtgg | gtgctgcgat | ccggaggaag | gagaatggct | ggtacgatga | aaaacaccct | 540 |
| ctggctctcc | tcttcttggg | atcatctgga | ataggaaaaa | cagagctggc | caagcagaca | 600 |
| gccaaatata | tgcacaaaga | tgctaaaaag | ggcttcatca | ggctggacat | gtccgagttc | 660 |
| caggagcgac | acgaggtggc | caagtttatt | gggtctccac | caggctacgt | tggccatgag | 720 |
| gaggggtggcc | agctgaccaa | gaag | | | | 744 |

<210> 2057
 <211> 1688
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1689)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1121)...(1249)
 <223> similar to gi3287188 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2057

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|------|
| tttttttttt | ttaaaatttc | tcgaatttta | ttataacttaa | atgaactcaa | gtacaagaaa | 60 |
| caaagttaaa | aatatgtaag | tataataaaa | tatgtgcgcc | ataattaaat | gatattgtga | 120 |
| taagaaagaa | aaaacctgga | aatgttttac | agagggtttt | catttgatat | cttaccatag | 180 |
| cagtagcaaa | gagcttatta | ggctaagtgt | caaaaacaca | tttccttacc | ataatattga | 240 |
| tgccagcaaa | attggtgcta | cagctacatg | aatgaatggt | ttgctcagtt | ttttctgggt | 300 |
| tacaaagaaa | caccaagcaa | ctgacctgca | aagggggacc | cgaagtagac | cccaggccca | 360 |
| gaccagtgtg | tgctttaatt | tcccatnca | aactggaaat | aggcaaccat | gggctccttg | 420 |
| gcacccctaa | aaccatcctg | ctcactagcc | actgaaatta | aatagtgtcc | aagaattttt | 480 |
| ttctgtctaa | tttgaaaaaa | gatagcta | atgacaaggc | ttgttgat | ttacatcttg | 540 |
| aatttctgtg | ggaaaaggat | aaaccatttt | tcaaagcaat | tgagtaagcc | atttttcaga | 600 |
| gcaccaagag | ggaagctttt | tagatttaaa | ctcttagaat | taataactgg | acactaaggc | 660 |
| taagcatctt | atagccatgt | atcatattac | tagtagtatt | accaataact | attgaccaca | 720 |
| aagactaaca | ttacttcata | aaaaaatttt | gatacagtgt | tcattgaaag | aataaaacaa | 780 |
| gatttaaatt | gatgtgtatc | agttcattat | agctttaaaa | aaattaggta | tgacacagac | 840 |
| atgctaagcg | tacttctcct | accccaaagt | gtttggtaat | gtgtttatat | actttcatat | 900 |
| tttaaaccac | taagtaaaaa | acgtgtatga | atcacattag | aaatagggtca | tttaagatca | 960 |
| ttgagcttgg | aattagctca | tttattataa | atgttttata | aatatttagt | tgccagatct | 1020 |
| caataatgct | ttttgttgtc | atcagattta | cctagaataa | gccaagtggc | atcccatccc | 1080 |
| gcatttcctc | tgtaagtgt | atgcacacac | cttttcttaa | ctctttacca | gtgaccacaa | 1140 |
| tggttgga | gctttgcctc | atgcgtccat | gggctgggtac | actcagacca | tgaagggtcat | 1200 |
| tcttgatact | aatttgaagt | gcacagatcg | cttggtatga | gacggggtat | gtactgcgggt | 1260 |
| tctcatgctt | acccaaaatc | tcaatatagc | agaaaacttcc | aacattgccca | gaaaactctc | 1320 |
| ctagacacct | tttaccttcc | ttgctctatt | cccagccttt | tggttggtgt | ttagcaagtgt | 1380 |
| gattcttgag | gtgaagtatg | aatcaaaaagg | caacagaatt | gggagaatac | caaggggtgg | 1440 |
| gtgaatgttg | gggaaacctc | cagtctcaca | gagcagcgag | gtccacaggc | caatgaaatt | 1500 |
| tgatggtaaa | gcgtttactc | cctggtaggt | ccagagaaat | gaaggcaggg | gtgagttttc | 1560 |
| attaagataa | gtgttatatt | gaagtgtatt | gatttgaaat | gctgcccttt | attgtncnaa | 1620 |
| ttccaccgca | ctatacagta | gttgcgatan | tccgagagtt | acggtctctn | nnnaaannct | 1680 |
| ggccctct | | | | | | 1688 |

<210> 2058
 <211> 434

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(433)
<223> similar to gi488551 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2058
taaaaccttc aaccgcaaag acgcacttgt tctacaccag aggattcaca ctggagaaag 60
gccttacgag tgcagcaaat gtggtaaaac cttcagtggt ctgtctaccc tcattcggca 120
ccggaaagtg cacattggag aaaggcccta tgagtgtgca gaatgtggga agttctttaa 180
atacaataat agcttcattc ttcaccagag agttcacact ggagaaaggc cttttgaatg 240
caagcaatgt gggaaaggct acgtgaccgc ttcaggcctc tatcagcact ggaaagtcca 300
cactggggaa cggccctatg aatgtagcct gtgtgggaaa accttacta ccagatccta 360
ccgcaatcgg caccagcagt tccacactga agagaggtct tatgaatgta cagagtgtgg 420
gaaagccttc aaac 434

<210> 2059
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(345)
<223> similar to gi4589536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2059
tgaaatatgg ggcagatcct tcattaattg atggagatgg atgtagctgt attcatctgg 60
ctgctcagtt cggacatacc tcaattgttg cttatctcat agcaaaagga caggatgtag 120
atatgatgga tcagaatgga atgacgcctt taatgtgggc agcatataga acacatagtg 180
tggatccaac tagattgctt ttaacattca atgtttcagt taaccttggt gacaagtatc 240
acaaaaacac tgctctgcat tgggcagtgc tagcagggaa taccacagtc attagccttc 300
ttctggaagc tggagctaatt gttgatgccc agaatatcaa ggcaatcctt aggtgtcaca 360
tggccctcta gtggaaggga tgctcagctg gaccgaggca actgcaggat attcccgggg 420
agttgttacc caagggattg cttttattca gggcgaatca gcactttctt ggcaaaaaaa 480
aaa 483

<210> 2060
<211> 1299

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(1258)
<223> similar to gi3986770 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2060

| | | | | | | |
|-------------|------------|-------------|-------------|------------|-------------|------|
| gaagaggtcc | agttctttgc | aaacaccagt | gggtccttcc | tgtgtgttta | tagtttgaat | 60 |
| tccttcaact | acacccacag | tccaaaagca | gactcactgt | gtcccaggct | accagttcct | 120 |
| ccaagcaagt | catttccctt | atttaaccga | tgtgtccctc | aaacacctga | gtgctactcc | 180 |
| ctatttgc | ctgttttgat | aatgatgtt | gacaccttc | accgaattct | aagtgggaatc | 240 |
| atgtcgggaa | gagatacaat | ccttggtctg | tgtatcctcg | cattagcctt | gtctttggcc | 300 |
| atgatgttta | ccttcagatt | catcaccacc | cttctgggtc | acattttcat | ttcattgggt | 360 |
| attttgggat | tggtgtttgt | ctgcggtgtt | ttatgggtggc | tgtattatga | ctataccaac | 420 |
| gacctcagca | tagaattgga | cacagaaagg | gaaaatatga | agtgcgtgct | ggggtttgct | 480 |
| atcgatatcca | caggcatcac | ggcagtgcgt | ctcgtcttga | ttttgttct | cagaaagaga | 540 |
| ataaaaattga | cagttgagct | tttccaaatc | acaaataaag | ccatcagcag | tgctcccttc | 600 |
| ctgctgttcc | agccactgtg | gacatttgcc | atcctcattt | tcttctgggt | cctctgggtg | 660 |
| gctgtgctgc | tgagcctggg | aactgcagga | gctgccagg | ttatggaagg | cggccaagtg | 720 |
| gaatataagc | ccctttcggg | cattcggtac | atgtggtcgt | accatttaat | tggcctcatc | 780 |
| tggactagt | aattcatcct | tgctgtccag | caaatagact | tagctggggc | agtggttact | 840 |
| tgttatttca | acagaagtaa | aatgatcct | cctgatcatc | ccatccttcc | gtctctctcc | 900 |
| attctcttct | tctaccatca | aggaaccatt | gtgaaagggt | catttttaat | ctctgtgggtg | 960 |
| aggattccga | gaatcattgt | catgtacatg | caaaacgcac | tgaaagaaca | gcatgggtgca | 1020 |
| ttgtccagg | acctgttccg | atgctgtctac | tgctgtttct | ggggtcctga | caaataacctg | 1080 |
| ctccatctca | accagaatgc | atatactaca | actgctatta | atgggacaga | tttctgtaca | 1140 |
| tcagcaaaag | atgcattcaa | aatcttgtcc | aagaactcaa | gtcactttac | atctattaac | 1200 |
| tgctttggag | acttcataat | ttttctaaga | aaggggttaa | gggtgtgttt | cactgggtttt | 1260 |
| ggaagaactc | aatgctttta | actacaatcg | gcatttcag | | | 1299 |

<210> 2061
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(169)
<223> similar to gi3319326 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2061

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aatccttctg | ctttcaatat | ttactgtaat | gtacgccatt | gcgttctgga | atggcagaaa | 60 |
| aaggaaatat | cattggcagc | cgcactaag | aactctgtgc | agagtggaga | atcagatagt | 120 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| gatgaagaag | aggaatccaa | agagccccct | atcaagcttc | caaaggtaag | ccactgagtt | 180 |
| ctattaatat | ttagatgtgt | aacctgcagg | tgttctggct | ataatgcata | tatacgcat | 240 |
| gctaaaatac | tttgctttat | gtaaaattgc | acactaaaaa | taacacgggc | ttatgggcaa | 300 |
| aaatagattt | ggagcagaaa | aggaaaaactc | tgcaacttta | taactaaggt | gctaacaaa | 360 |
| tcaataattg | ataattcact | ggaaagcgca | gga | | | 393 |

<210> 2062

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(426)

<223> similar to gi2773363 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2062

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| ttctgatcat | gtcactggca | aggcaatgct | tacgtcactt | ggcctgaagt | tgggggatcg | 60 |
| tggtgttatt | gcaggacaga | aggttggtac | attaagattt | tgtggaacaa | ctgaatttgc | 120 |
| aagtgggcag | tgggctggca | ttgaactgga | tgaaccagaa | ggaaaaaata | atggaagtgt | 180 |
| tggaaaagtc | cagtacttta | aatgtgcccc | caagtatggt | atTTTTgcac | ctctttcaaa | 240 |
| gataagtaaa | gcaaaaggct | gaaggaagaa | tataacacac | actccttcta | caaaagctgc | 300 |
| tgtacctctc | atcagggtccc | agaaaattga | cgtagctcat | gtgacgtcaa | aagtaaatac | 360 |
| tggattaatg | acatcaaaaa | aagatagtgc | ttctgagtca | acactttcat | tgccctctgg | 420 |
| tgaagaactt | aaaactgtga | cagagaaaga | tggtgcccctg | cttgatctg | tcagcagctg | 480 |
| ctcctctaca | tcttcttttg | aacacagaca | gagctacccc | aagaaacaga | atgcaatcag | 540 |
| cagtaacaag | aagacaatga | gcaaaagccc | ttccctttca | tccagagcca | gtgctggttt | 600 |
| gaattcctca | gcaacatcta | cagcaaataa | tagccgttgc | gagggggaac | tccgcctcgg | 660 |
| agagagagt | ttagtggtag | gacagagact | gggcaccatt | aggttctttg | ggacaacaaa | 720 |
| cttcgctcca | ggatattggt | atggtataga | gcttgaaaaa | ccccatggca | agaatgatgg | 780 |
| ttcagttggg | aggtgttgca | gtatttttagc | tgttctccaa | gatatggaat | atttggtctc | 840 |
| cccatccagg | ggtgcaaaga | gtaacagatt | cccggggata | ccctttcaga | aatttcttca | 900 |
| aataaacaga | accattctta | tcttggtttt | taggagaagt | tttagcacia | cttctgcttc | 960 |
| ttcccaaaag | gagattaaca | gaagaaatgc | tttttccaag | tgagtattaa | gaagatttag | 1020 |
| aaaaacacct | ttcaagatga | acatgatggg | attctgtgaa | gaaagaaaag | tggagtgtctg | 1080 |
| tatcttttgc | attgcttggt | agagttttta | cacgtaggag | aaaagggtgtg | ataagtgtat | 1140 |
| tgagaagcgt | acttctctcc | tcctttgcaa | gcgcaattaa | aatgaaacc | agtgactaaa | 1200 |
| aaaaaaa | | | | | | 1207 |

<210> 2063

<211> 556

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(557)
 <223> similar to gi4091819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2063
 gcggggcagca ccacgctgct gtgccgcgac gggccccggct tttacccgca ccagagcctg 60
 cacgcctggc accgggacac ggacgctgag gccctggagc tggacggccg gccccacctg 120
 ctgctggcct cggcttccca gcggcccggtg ctcttccact ggaccgggtgg ccgcttcgag 180
 agacgcacgg acatccccga ggccgaggat gtctatgccca cacgccactt ccaggctggt 240
 ggggacgtgt tcctgtgcct cacacgctac attggggact ccatgggtcat gcgctgggac 300
 ggctccatgt ttcgtctgct gcagcaactt ccctcgcgcg gtgcccacgt cttccagcca 360
 ctgctcatcg ccagggacca attggccatc ctaggcagcg acttcgcctt cagccaggtc 420
 ctccgccttg agcctgacaa ggggctcctg gagccactgc aggagctggg gcctccggcc 480
 ctggtggccc cccgtgcctt tgccacatc actatggccg gcagacgctt cctctttgct 540
 gcttgcttta agggcc 556

<210> 2064
 <211> 517
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(268)
 <223> similar to gi5257201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2064
 tgtatttccct cccatatctg actgtttggt tccaatcttt tgactgcttt cttgctttta 60
 atgcctttat ctttgcttat ttgaattagg tacttctctg ctacctttca cctgctcttt 120
 ttctgtgcca ttgtttccct ggctacctta cctaaaacca ggccctagag aaacagaaag 180
 aatacattgc ctgccttagg aatgagcgag atatgctcag agaggagctg gctgacctgc 240
 aggagacagt gaagacggga gaggtatggt agcattagcc tggaattcag gtccctcact 300
 gttttactct ctatcttcct tcctttcatc ctgccatctt tcctagccta aatacaaact 360
 acagtgttta ttctctaate cagatttggt aggtggaagc tatttcttac acagagctat 420
 atttcatgta actgattcta accaggtttt acctgtagca aacatgtatt gttgcagagt 480
 gacctcacag agcttacagc ttccatatgg gcctttt 517

<210> 2065
 <211> 633
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(636)
 <223> similar to gi3449294 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2065

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctggctccgg | ctgcgagcag | ggatgtccgc | ccgggcggtg | tgggccaggc | tgtgaacagc | 60 |
| tgtgtgggtg | tctcaacggg | ggctcctgtg | atgcggccac | gggggcctgc | cgctgcccc | 120 |
| ctgggttct | cgggacggac | tgcaacctca | cctgtccgca | gggccgcttc | ggccccaact | 180 |
| gcacccacgt | gtgtgggtgt | gggcaggggg | cggcctgcga | ccctgtgacc | ggcacctgcc | 240 |
| tctgcccccc | ggggagagcc | ggcgtccgct | gtgagcgagg | ctgccccag | aaccggtttg | 300 |
| gcgtgggctg | cgagcacacc | tgctcctgca | gaaatggggg | cctgtgccac | gccagcaacg | 360 |
| gcagctgctc | ctgtggcctg | ggctggacgg | ggcggcactg | tgagctggcc | tgtccccctg | 420 |
| ggcgctacgg | agctgcctgc | catctggagt | gctcctgcca | caacaacagc | acgtgtgagc | 480 |
| ctgccacggg | cacctgccgc | tgcgcccccg | gcttctatgg | ccaggcctgc | gagcacccct | 540 |
| gtccccctgg | cttcacggg | gctggctgcc | aggggttgtg | ccggtgtcaa | catggagccc | 600 |
| cctgcgaccc | catcagtggc | cgatgcctct | gcc | | | 633 |

<210> 2066
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(588)
 <223> similar to gi2970646 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2066

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctgcccaatg | agtgagttgg | ccgaaaagca | ggggtcagag | gtcacagatc | ccacagccaa | 60 |
| ggctgaggca | cagtcctgca | cctggatggt | caagcccaaa | cctgtggaca | ggccagtggg | 120 |
| ctccaggagg | cagcacctgc | aggttagcca | ggtcccggct | ggggaaagac | agacagacag | 180 |
| acacgtcttt | gagaccgagc | ctcttcaggc | ctcaggccgt | ccctgtggaa | gacggcctgt | 240 |
| gagatactgc | agccgcgtgg | agateccctc | agggcagggt | tctcgtcaga | aagaggtttt | 300 |
| tcaggccctg | gaggcaggca | agaaggaaga | acaggagccc | cgggtaatcg | ctgggtccat | 360 |
| ccccgcgggt | tctgtccaca | agttcacttg | gctttttgag | aattgtccca | tgggctccct | 420 |
| ggcagctgag | agcatccaag | ggggcaacct | cctggaagag | cagcccatga | gccctcagg | 480 |
| caacaggatg | caagagagcc | aggagactgc | agctgagggg | accctgcgga | ctctgcatgc | 540 |
| cacacctggc | atcctgcacc | atggaggcat | cctcatggag | gcccga | | 586 |

<210> 2067
 <211> 553
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(543)
 <223> similar to gi4589628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2067
ccacaagatg ctgggtcaggg agaccggagt ccactctctg ctcatgacc cactcactca      60
gcgcgacgca gggacctata agtgcacgcg taccaacaaa accgggcaga attcttttag      120
tctggagctc tctgtagtag ccaaagaggt gaagaaagca cctgtgatcc tggagaaact      180
acagaactgc ggtgttcccg aaggccaccc cgtgagactg gagtgccgcg tgataggcat      240
gccccacact gtgtttactt ggaagaaaga caatgagacc atcccttgca ccagagagag      300
gatcagtatg caccaggaca caacagggtg tgctgtcctt ctcatcagc cagccaagaa      360
atcagacgct ggatggtaca cgttgtcagc caagaatgaa gccggcatcg tgtcgtgcac      420
tgccaggctg gatataacg ctcagtggca ccatcagatc ccaccgccca tgtctgtccg      480
gccagtggtg agtcgctacg gatctctcac cagtaaagga cttgacatat tttctgcctt      540
ttctccatg gaa                                     553
  
```

<210> 2068
 <211> 477
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (126)...(477)
 <223> similar to gi3193306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2068
cggacgcgtg ggcggacgcg tgggtgggga ccaagatggc ggaccttgat tcgcctccga      60
agctgtcagg ggtgcagcag ccgtctgagg ggggtgggagg tggccgctgc tccgaaatct      120
ccgctgagct cattcgctcc ctgacagagc tgcaggagct ggaggctgta tacgaacggc      180
tctgcccga ggagaaagtg gtggagagag agctggatgc tcttttgaa cagcaaaaca      240
ccattgaaag taagatggct actctccacc gaatgggtcc taatctgcag ctgattgagg      300
gagatgcaaa gcagctggct ggaatgatca cctttacctg caacctggct gagaatgtgt      360
ccagcaaagt tcgtcagctt gacctggcca agaaccgcct ctatcaggcc attcagagag      420
ctgatgacat cttggacctg aagttctgca tggatggagt tcagactgct ttgagga       477
  
```

```

<210> 2069
<211> 877
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(478)
<223> similar to gi4884343 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2069
ttgaaaagga ggccttttta gatgaatggt tcactctgga cgaggttccc aaggggaagc      60
tacacttgag actggagtggt ctcacgttaa tgccaaatgc gtcaaacctc gacaagggtgc    120
taacagacat caaagctgac aaagaccaag ccaacgatgg tctttcctct gcattgctga     180
tcttgacttt ggattcagca aggaaccttc cgattcgata caaaaccaat gaacctgtgt      240
gggaggaaaa cttcactttc ttcattcaca atcccaagcg ccaggacctt gaagttgagg      300
tcagagacga gcagcaccag tgtcccctgg ggaacctgaa ggtccccctc agccagctgc     360
tcaccagtga ggacatgact gtgagccagc gcttcagctc cggtaactcg ggtccaaaca     420
gcaccatcaa gatgaagatt gccctgcggg tgctccatct cgaaaagcga gaaaggcctc     480
cagaccacca aactcagct caagtcaaac gtccctctgt gtccaaagag gggaggaaaa     540
catccatcaa atctcatatg tctgggtctc caggccctgg tggcagcaac acagctccat     600
ccacaccagt cattgggggc agtgataagc ctggtatgga agaaaaggcc cagccccctg     660
aggccggccc tcaggggctg cagcacctgg gcagaagctc ctccagctc ctggcctccc     720
caggccacat ctcaagtcaag gagccgaccc ccagcatcgc ctcgacatc tcgctgcccc     780
tcgccacca ggagctgcgg caaaggctga ggcagctgga aaacgggacg accctgggac     840
agtctccact ggggcagatc cagctgacca tcccga                                877

```

```

<210> 2070
<211> 524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(309)
<223> similar to gi300249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2070
cgcaagttct tagcgtgcgt gagccaggac tggtttctgc ggggtgttcaa ctttgactca      60
gtggagctgc acggtacgat gaaaagctac tttgggggct tgctgtgtgt gtgctggagc    120
ccggatggca agtacatcgt gacaggtggg gaggacgact tggtgacagt ctggctcttt     180
gtagactgcc gagtaatagc cagaggccac gggcacaagt cctgggtcag tgttgtagcg     240
tttgaccctt ataccactag tgtagaagaa ggtgacccta tggagtttag tggcagcgat     300
gaggacttcc aagaccttct tcattttggc tgagattgag caaatagtag acagttcagc     360

```

| | |
|---|-----|
| ctctccaaac ggaattttac gtacagtcgc cccgtagtg tcaactgatct gttttgtgtt | 420 |
| ctttggctat taatcactta tttttatttg tgtttttttt tatcattttc atttttcgtc | 480 |
| ttcgcttctt gtcagagttc tttttttctc ttttgttctt ttct | 524 |

<210> 2071

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(179)

<223> similar to gi5902181 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2071

| | |
|---|-----|
| ggaggaatgg actcttccca gcatctttct gctcttcagg atgagcggca ccattcggtc | 60 |
| ctcatgtccc tgctctgtgc ccatctgggg ctgagcccca aggacatagt ggagatggag | 120 |
| ctctgccttg cagacacca gcctgcggtg aggactggct gtaggaacct gtgggtgaag | 180 |
| ggcctccagg atcctggcca cccctagccc gtccctgctga agcaccatc acctccacca | 240 |
| agccctcagt aactctcatc cccgtttttc ccagtagaca catccccac tgcttctagg | 300 |
| gcggtgggtc tcaaaaagac aagtcccta cccagacct gccactagg actatctggg | 360 |
| aattggccct ttttacagat tcccgaagag tttcttctac aggtgggccc tgtctgcttt | 420 |
| gaccacact | 430 |

<210> 2072

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(707)

<223> similar to gi2116552 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2072

| | |
|--|-----|
| gcggtggaat tccgggttcc ccgttctggt tcggcatatc tctacagcta tgtcactgtg | 60 |
| ggtgaactct gggccttcac cactggctgg aacctcatcc tctcctatgt cattgggaca | 120 |
| gccagtgtgg cccgggcctg gagctctgct tttgacaacc tgattgggaa ccacatctct | 180 |
| aagactctgc aggggtccat tgcactgcac gtgccccatg tccttgacaga atatccagat | 240 |
| ttctttgctt tgggcctcgt gttgctgctc actggattgt tggctctcgg ggctagttag | 300 |
| tcggccctgg ttaccaaagt gttcacaggc gtgaaccttt tggttcttgg gttcgtcatg | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atctctggct | tcgttaaggg | ggacgtgcac | aactggaagc | tcacagaaga | ggactacgaa | 420 |
| ttggccatgg | ctgaactcaa | tgacacctat | agcttgggtc | ctctgggctc | tggaggattt | 480 |
| gtgcctttcg | gcttcgaggg | aattctccgt | ggagcagcga | cctgtttcta | tgcatttggt | 540 |
| ggtttcgact | gtattgctac | cactggagaa | gaagcccaga | atccccagcg | ttccatcccg | 600 |
| atgggcattg | ggatctcact | gtctgtctgc | tttttggcgg | attttgctgt | ctcttctgca | 660 |
| ctcaccctga | tgatgcctta | ctaccagctt | cagcctgaga | gccctg | | 706 |

<210> 2073
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(419)
 <223> similar to gi3851202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2073 | | | | | | |
| ggaggctgga | ctgagccagt | gtgcttggga | aagagactgg | cttttcctt | tcagagttgc | 60 |
| ccagggaag | cagctatgac | atctacagag | tgcccagcag | tcagagcatg | gaggatcgtg | 120 |
| ggtacagccc | cgacacgcgt | gtggctccgt | tcctcaagg | caagagcatc | gggctgcggc | 180 |
| tggcaggggg | caatgacgtg | ggcatcttcg | tgtccggggg | gcaggcgggc | agcccggccg | 240 |
| acgggcaggg | catccaggag | ggagatcaga | ttctgcaggt | gaatgacgtg | ccattccaga | 300 |
| acctgacacg | ggaggaggca | gtgcagttcc | tgtcggggct | gccaccaggc | gaggagatgg | 360 |
| agctggtgac | gcagaggaag | caggacattt | tctggaaaat | ggtgcagtcc | cgcgtg | 416 |

<210> 2074
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(582)
 <223> similar to gi3876481 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| <400> 2074 | | | | | | |
| cgcagctaga | gcgagctaag | gaacagattg | agtctctgga | gcacgacctg | caggcttctg | 60 |
| tggacgagct | tcaggatggt | aaagaagaac | ggtcttcccta | ccaggacaaa | gtggagaggc | 120 |
| tcaaccagga | gctgaaccat | atcctgagtg | ggcagagaaa | ccgcatcatt | gacgtggacg | 180 |
| ccctgtgtat | ggagaacagg | taccttcaag | agagattaaa | gcaactccat | gaagagggtca | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| acctcttgaa | atcaaacatt | gccaaatata | agaatgctct | ggagagacgg | aaaaactcga | 300 |
| agggccaggg | taaatccagc | agcagtgtct | tgacaggagt | cctgtctgca | aagcaagttc | 360 |
| aggatctgct | atctgaggat | catggatgca | gcctcccagc | tactccgag | tccattttctg | 420 |
| acctgaaatc | tctggcaaca | gccctgttgg | aaacaatcca | cgagaaaaac | atgggtcattc | 480 |
| agcaccagag | gcaaaccaac | aaaatcctag | ggaatcgggt | ggctgagctg | gaaaaaaaaat | 540 |
| taagaactct | ggaagtttct | ggtttgtgga | gtcttccagg | gggca | | 585 |

<210> 2075

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(431)

<223> similar to gi2833635 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2075

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| ggagatcatg | ctattggggt | tacagatgct | tctttctcct | gggataaaac | aggaatgcca | 60 |
| gttctaaaag | aggctctgtg | gcttatgttt | ctcagcaggc | ctggattcaa | aattgcattt | 120 |
| tgcaagaaaa | cattctcttt | ggctccatca | tgaagaaaga | gttttatgag | caagtattgg | 180 |
| aagcctgtgc | tctccttcca | gatttggagc | agttgccaaa | gggagatcaa | actgagattg | 240 |
| gagaaagagc | tgtgaatata | agtgggggcc | agcagcatcg | agtaagcctg | gccagagctg | 300 |
| tctacagtgg | ggcgcagctc | tacctcctgg | atgatccctt | gtctgctatt | gatgttcattg | 360 |
| ttggaaagca | gctttttgaa | aaagtgatag | ggctcctggg | ccttttgaaa | aaccgggtag | 420 |
| ccatagtttc | atttatgctt | tcttgtgggg | caggggatat | atctagcact | gtgcctaaaa | 480 |
| ttccatttat | tttgtttatt | tgttgaagca | aagtagtcac | atttcacatg | aaaaaaatgg | 540 |
| gatgctcaga | ttgcaatttc | acaggcaaat | gtcaatgggt | aatttttgaa | gttttactta | 600 |
| caagtttact | ctggtgacaa | tttatgtgat | tggtatctct | tcataataata | ccatatccta | 660 |
| aggggtatga | tgtgccataa | tgaattgttg | ttgactcaag | tgattttttac | aatgggtattt | 720 |
| tggtgcacac | caaaatatta | ataaaaatttt | atattattaa | cataaaaaaa | aagtcccccg | 780 |
| ggcgcgcagc | acgcggccgc | gaa | | | | 803 |

<210> 2076

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(658)

<223> similar to gil57409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2076

```
ggcttccatc ctaatacgac tcactatagg gctcgagcgg ccgcccgggc aggtgctggg 60
tcgtttgtgg gcgaagtaag tgctgtagat aaagactttg ggccaaatgg agaagtaagg 120
tattcttttg aaatgggtgca gccagatttt gagttgcatg ccatcagtgg ggaaattaca 180
aatactcatc agtttgacag ggagtctctt atgaggcgga gagggactgc tgtgttttagc 240
tttacagtca tagcaacaga tcaggggatc cctcagcctc tcaaggatca ggccactgta 300
catgtttaca tgaaggatat aaatgataat gctcccaaat ttttaaaga cttttacca 360
gctacaatat cagaatcagc agccaatctg acacaagtgt taagagtatc tgcctcagat 420
gttgatgaag gtaataatgg acttattcac tattctataa taaaaggaaa tgaagaaaga 480
cagtttgcta tagacagtac ctctggtcag gtaacactaa ttggcaaatt agactatgaa 540
gcaacacctg cctattccct tgtaattcaa gcagtggatt cagggacaat cccctcaat 600
tcaacgtgta ctttaaatat tgatatttta gatgaaaatg acaatacccc tttctttccc 660
taaatcaaca cttctttgtt gatgttttgg aaaacatgag aattggtgaa ctcggggcct 720
ctggtactgc aactgattcc cgattcaggt gacattgctg atttatatta caagtttact 780
gggactaaac acccccccg g aacttttagc attagcccca aacacttggg agtatttttc 840
ttggcccaaa aa 852
```

<210> 2077

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(377)

<223> similar to gi487836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2077

```
tttcgtaagc tttccccggt gtcggcgga ggtggaattt ccacgcttta tctgcgcctg 60
cgccgcgcgg gattcgcggt ccgagctgaa gaggttcgcg gtccggtttc acttctccga 120
accctgaggc agtgtgtgaa gctgggacgc cagccatgtt ccagaccgct tggcgccagg 180
aaccagtgac ctttgaggat gtggctgtgt acttcacca gaatgaatgg gccagcctgg 240
actctgtgca gagggccctg tacaggaag tgatgctgga gaattatgca aatgtggctt 300
ccctggcatt cccattcacc acgcctgttc tgggtctcca gctggagcaa ggggaactgc 360
catggggcct cgatccctgg gaacctatgg gcagggaggc tctcagaggt atctgg 416
```

<210> 2078

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(364)

<223> similar to gi1054940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2078

```
ctggtgattg ctatgacctg tatggagggg agaagtttgc cactttggct gagttggtcc 60
agtattacat ggaacatcat gggcaattaa aagagaagaa tggagatgtt attgagctta 120
aaaatcctct gaactgtgca gacacctact ctcaaagggtg gtttcatgga cacctctctg 180
gaaaagaagc agagaaattg ttaactgaaa aaggaaagca tagtagcttt cttgtacgag 240
agagccagag ccaccctgga gattttgttc tctccgtgtg caccgggtgat gacaaaggag 300
agagcaatga cggcaagtct aaagtgactc atgtcatgat tcaactgtcag gaactgaaat 360
c 361
```

<210> 2079

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(417)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5)...(418)

<223> similar to gi50675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2079

```
tttcgtcaaa gggcacctgc ccaagctgca gatgcccagt ttcaaggtgc ccaaagtgga 60
cctcaagggc cccgaaatag acatcaaggg ccccaagctg gacctaaaag accccaaggt 120
ggaagtgaca gccctgatg tggaggtgtc tctgcccagc gtggaggtgg acgtcaaggc 180
cccaggagcc aagctggatg gtgcgcggct ggagggggac atgtccctgg ccgacaagga 240
cgtgactgcc aaagacagca agttcaaaat gcccaagttc aagatgctct cgtttggggg 300
gtctgccctt ggcaagtcca tcgaggcctc agcggatgtg tctgcgctga aggtggaggc 360
cgacgtgagc ctcccctcca tgcaggggga ccttaagacc actgacctca gcgttn 416
```

<210> 2080

<211> 579

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(581)
 <223> similar to gi5821434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2080
 actacttaaa caaaccacag gtgatgaagt ttttaataatt caagataaat tggaagccat 60
 taaagcaagg tacaagaca ttactaaact gagcactgat gtggccaaga ctctggaaca 120
 ggcgctgcag cttgcaaggc ggctgcactc cacacacgaa gagctgtgta cctggctgga 180
 caaagtggag gtggaattac tttcatatga aactcagggt ctgaaaggag aagaagcaag 240
 tcaagcaca atgagaccaa aggaactgaa aaaggaagct aagaacaaca aagccttact 300
 ggactccctt aatgaagtga gcagtgcctt gctggaactg gtaccatgga gggcaagaga 360
 aggacttgag aaaatggtag ctgaggacaa tgagcgctac cgattagtga gcgacaccat 420
 cactcagaag gtggaggaga tcgatgcagc cattctgcga tcacagcagt ttgaccaagc 480
 agctgatgct gagttatcct ggattactga aacagaaaaa aaattgatgt ctctgggtga 540
 catcaggctt gagcaagacc agacttctgc tcagcttca 579

<210> 2081
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(155)
 <223> similar to gi2224639 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2081
 acgagcgtgg aggcgcgcag gtaaatgcta cagatgaaat caagcgagag attatccatc 60
 agttgagtat caagcctatg gctcatagtg aattggtaaa gtctttacct gaagatgtaa 120
 gtacctacat ttctaaaaag aaaaccatag aaacttttcc ctgcctatca gtctagtatc 180
 tatagattta cttctgtata cttttctcac aattgtaaaa tctattgtca tgggatgtgt 240
 ataattccgg ccactcttat tatgaataat tagaaaaaga gaataggagt agaaaacaga 300
 atagtaatag aatcttttac aataaagcct tgaggaagat aaggacacta aacaaaaagt 360
 agcccaaacc tcagaactaa ggtttgtacc ccacagaaag aggtcattat agggctctta 420
 gtacaaagtt gctatgggtg tggataatgc tttgtaacct agtatattga ggaagggagt 480
 cagaagtgcc tactcaccta tactgagtga aataaataat gttttcctaa gctttttcct 540
 tcttggcctc cagagagtct tcttaatgac gagcccttgt ttcatttttag tgaatgcaaa 600
 ataatagtga aaaggacatt cataggttaa attgcaactg tttttccttc caggggtgat 660
 aagttcccca gcaacctata tttcagccat ggggtttttc agaaactcaa cccttataat 720

tgagaagaga ctttattttc attgaggctt ttcaaaatgt ttgccctaata ttgaaacata 780
gatcanaacc ttca 794

<210> 2082
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(591)
<223> similar to gi57671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2082
tctctgtacc gaaatgccct gggcagccgg ggggtgaagc tgctctgtca aggactcaga 60
caccccaact gcaaaacttca gaacctgagg ctgaagaggt gccgcatctc cagctcagcc 120
tgcgaggacc tctctgcagc tctcatagcc aataagaatt tgacaaggat ggatctcagt 180
ggcaacggcg ttggattccc aggcattgat ctgctttgcg agggcctgcy gcatcccaa 240
tgaggctgc agatgattca gttgaggaag tgtcagctgg agtccggggc ttgtcaggag 300
atggcttctg tgctcggcac caaccacat ctgggtgagt tggacctgac aggaaatgca 360
ctggaggatt tgggcctgag gttactatgc cagggaactga ggcacccagt ctgcagacta 420
cggactttgt ggctgaagat ctgccgcctc actgctgctg cctgtgacga gctggcctca 480
actctcagtg tgaaccagag cctgagagag ctggacctga gcctgaatga gctgggggac 540
ctcgggggtgc tgctgctgtg tgagggcctc angcatccca cgtgcaagct c 591

<210> 2083
<211> 605
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(191)
<223> similar to gill60965 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2083

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| tttttttttt | tgacgtgggt | tagattggac | gactgattat | tggacagaat | ggcatcttgt | 60 |
| caacacctgc | ggctctcctgc | attatcagga | agatcaaggc | agctgggtgga | atcattctaa | 120 |
| cagccagcca | ctgccctgga | ggaccagggg | gagagtttgg | agtgaagttt | aatgttgcca | 180 |
| atggagggtat | gtgggttcagt | atatgcctta | ataatcacga | tttccttcct | cttatattat | 240 |
| tatagtctca | cagtgaccct | ttgatgatag | acaagcaagg | tgcagaggac | ctagctcaga | 300 |
| aaaatttagt | gaggtgcccc | aagtgatcca | acaaagaagt | ggcatgatgg | gctcatgaac | 360 |
| ccatttgggg | ggtctcttgg | tcccctgtac | tcttcagcat | aaactattga | atagttgatg | 420 |
| cttatctgat | atggaaggac | tctgaatttt | aacattaaaa | cataccctga | aggctcgttg | 480 |
| ctaaatgaca | atgaccctca | ttttacacat | gaacaaatca | aaggcctgag | aggctgagtt | 540 |
| actgctgaag | gccacagggt | tgatcagggt | cagattaatg | atttttagcc | caaatcctgg | 600 |
| gctct | | | | | | 605 |

<210> 2084

<211> 2483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (341)...(556)

<223> similar to gi5824417 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2084

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| ataaaatgga | catagtagta | ggacttacct | cccagggctg | tggttataga | ggttttgtaa | 60 |
| gaattaaatg | acatcatcca | tgtaaagcat | atagcagaat | gcctggcaca | tagatgccct | 120 |
| tagtgaattt | ttgctgttgt | tgtgattctt | ttgggagcag | tcatagtaac | atattctcat | 180 |
| atgttggtat | gttctttcat | attgcattgt | cttatgaata | gattctggaa | acaaaaatgg | 240 |
| aggaaatgat | gataagacta | agaatgctga | gaggaaactat | ttaaattgtt | tacctgggga | 300 |
| attttatatt | acacggcatt | ctaattctct | agaaatccat | gttgctttcc | atctctgtgt | 360 |
| ggatgaccat | gtgaaatcgg | gaaacatcac | tgctcgtgat | cctgccatta | tgggactccg | 420 |
| aaatatactc | aaagtttgct | gtacccatga | catcacaaca | ataagcattc | ctctcttgct | 480 |
| ggtacatgat | atgtcagagg | aaatgactat | accctgggtg | ttaaggagag | cggaacttgt | 540 |
| gttcaagtgt | gtcaaagggt | tcatgatgga | aatggcttca | tgggatggag | gaatttctag | 600 |
| gacagtgcaa | tttctagtac | cacagagtat | ttctgaagaa | atgttttatc | aacttagtaa | 660 |
| catgcttccc | cagatcttcc | gagtatcatc | aacactcact | ctgacatcca | agcactaaac | 720 |
| ccttatagat | tgacatgctg | gcagaagatg | attgttaaac | tctccaggaa | cttggtgctat | 780 |
| gctgggaatc | tgtcaagcaa | aagatgcccc | gaaagagaac | ttgcagctca | atccacaaat | 840 |
| caagatacat | gtgtgtgaaa | cccattccaa | aaatttatat | actggcacaa | actgggtggat | 900 |
| caacccttaa | cttaaacact | taaagtctct | ttatgaattt | ctcttttttt | cttctctgtg | 960 |
| ttacctgtgg | aatattaggt | aatctaaaaa | tttttattta | ttcacacagg | gacacttggg | 1020 |
| gggaaagggg | aacttgatta | tattttacatg | ggagggcatt | tgactttttt | caaggagggc | 1080 |
| ttggacttcg | tcttcagggt | gcaatcctta | attaaacata | caaacaaaat | tttcctttta | 1140 |
| ctttctttgc | caaaaacaaa | tgtaaaagca | ctgaaatata | cattgcaagt | acaaatttcc | 1200 |
| tgtgaaaatc | tttttataga | aacacaaatg | tataagacaa | atgtgcttgt | tcttttaaat | 1260 |
| tctcctgttt | cagaatctct | ttttaatcta | ctcctaagga | tgtacaagtt | agagtcagaa | 1320 |
| gacgttttgg | attttttccc | tctctctcat | cctcccgtcg | tgcccttgca | cttgcatatt | 1380 |
| aataacattt | catggactgg | gaaatagtgt | tcttttttgc | aagcttgatg | tcaagttagt | 1440 |
| ctaaaccagc | acctggcagt | attttagtgc | tcattcaacat | tgtgacaatc | acacaaggaa | 1500 |
| gatcatttct | acatttctgt | cctccctgcg | ttctcagctt | gcttaacct | tcctctacct | 1560 |

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|------|
| cttgcatttt | tttgcggata | aatgtatccc | cattttctgct | tctctgtttc | ccctcctttt | 1620 |
| ccattgtttt | tccttatggg | actactttct | caggtgctac | atatcatata | tttgtcccat | 1680 |
| ctataacata | tttaaagtgt | ataagtagta | actccattaa | acaaaggcat | ttacaaaagc | 1740 |
| acacaggtgt | ttagaaaagc | aatagtttca | tcaattccaa | gttatgtgga | tattgtaact | 1800 |
| ggccacaaga | atgaaatgga | gggcatttgg | tgtcataaga | tggcatgtct | tgatgacaag | 1860 |
| aaacaaaacg | cccttcatta | atatgcctca | gtgtaataac | tattatagaa | actgttggca | 1920 |
| agcagagtgc | tttctataa | cagaatgtgt | cttaattttc | tacttgaggg | aaaggtttgt | 1980 |
| ccaggttaaca | acactaaaga | caaccctaag | aacaccct | ccagcagtat | gtccattaga | 2040 |
| cactaaaact | ctccaaatta | tttgtcaggg | agcctggcga | ttctgccaag | aaggcaggtg | 2100 |
| ttttgccctt | agagcctata | cagttctctt | ggagaaattg | tctttcaggc | accactgtta | 2160 |
| atcactgaga | ctgattctaa | tgcaaagcag | ggaagacaga | ggcagaaacc | aggagagtgg | 2220 |
| tagatcagtg | cagcccagat | atcggaatgg | aggagcaaa | tttcattcac | ggatgtttgt | 2280 |
| tgaatgctgc | tgcccaactc | ttcctttgtc | acctctaggc | tattccacta | agttacttat | 2340 |
| aaactgggtg | ctttaactga | gggctgtgta | aagggtactat | ttggcatgtg | aagtcaggat | 2400 |
| aaatttatcg | aatgtccgtt | ttccacatgc | aactgtgtta | cagaagtagt | aaaattggaa | 2460 |
| gaatcatgtt | tatggtgtta | cca | | | | 2483 |

<210> 2085

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (170)...(377)

<223> similar to gil477565 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2085

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| agagaaacag | cttcacactt | tttattttatt | cagaacgtgg | tgtacctttc | cagaatagca | 60 |
| gcttttagcct | cagttgagtt | atatgtgtca | atgccatttc | accataatga | gctaaatggc | 120 |
| tgatcagata | atataaaagc | actgtgttgt | gtgggtgcata | acatttccac | atgtttatgt | 180 |
| tatgtttttt | tcagatcgcc | tgataggcct | gccagagggg | cgtgctcgca | atcaaatcg | 240 |
| accgcatcaa | atccctgtcc | tggtctggagt | aatcattgaa | gatgtggcag | ttggagctga | 300 |
| acacacactt | gctttggcat | caaattggaga | tgtgtatgcc | tgggggagca | attcagaagg | 360 |
| gcaggtaaat | atztatattg | cttgctgctt | tctcatatc | tagaaatctc | acagtgttcc | 420 |
| tcagttgggg | aaagagataa | gctaggaaat | tcataatcta | ctgcaatact | ccaagcacat | 480 |
| cacttttgcta | tgggactgat | tattttgtaa | gtctagtatt | gtctttctct | ctcgactgcg | 540 |
| gccaaagaag | tattatacca | tggtttaaaa | caattctggg | agtacagcaa | agtgattaag | 600 |
| gggattggct | gagtatttat | gtgtgtgtcc | tcatacactg | ttaagtgcct | ggcatgtagt | 660 |
| aagctgcagt | atgtaaggat | ttgctactgt | caacattatc | atcattacta | cagcaagatg | 720 |
| tgagattagg | tcctgggaac | atcagttgat | atgggaaaaa | gaatgaaaca | ataatatttt | 780 |
| tatattttat | aatatgatgg | catacaaagt | atcttttaggt | ttttgcagga | agtcttgtca | 840 |
| ctcccattat | ttataggatt | aaactgagcc | tctgagatac | tgataagaga | ctcaagaggt | 900 |
| tgatgtattc | accctcctct | atztatgaag | gagggagaga | ccttggtgtg | agatgtctga | 960 |
| aatgctatga | cgggtgacttt | tagcttcaca | tgcagagcc | | | 999 |

<210> 2086
 <211> 742
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (241)...(743)
 <223> similar to gil695696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2086
 acacctgacg taccggaccg gaattccccc ccgaccacg cgtccgccg ccagtccctc 60
 cccatttcgc agttctactc ccacggtggg ctgatggccg accacttgcc aggaaggatg 120
 cggcccaaca ccagctgccc ggtaccaatc aaagtctgcc ctcgctcacc ccccttggag 180
 accaggacca ggacttccag ctctgtgtg ttctctctc cgccctgttc ccaggagcggg 240
 ggctcaccct gcagcctccc tctctgtgag ttctctctc cgccctgttc ccaggagcggg 300
 agattccttg ccacagaaca tcaggaacca ggctgatgg gagatggaat gtacaaccaa 360
 gtgcggcccc aaattaaatg tgagcagtct tatggaacca actccagtga cgaatccgga 420
 tcgttctcgg aagcagacag tgagtcgtgt cctgtgcagg acaggggcca ggaggtaaaa 480
 cttccttttc ctgtagatca aatcacagat cttccaagga acgatttcca gatgatgatt 540
 aaaatgcaca agctaacctc agaacagtta gagtttattc atgatgtccg acggcgccagc 600
 aagaaccgca tcgcggccca gcgctgccgc aaaaggaaaac tggactgtat tcagaattta 660
 gaatgtgaaa tccgcaaatt ggtgtgtgag aaagagaaaac tgttgtcaga gaggaatcaa 720
 ctgacagcat gcatggcgga cg 742

<210> 2087
 <211> 398
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(399)
 <223> similar to gi4650844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2087
 aagaattttc ctgaagtggg acagcatgaa gagttcattc ttctgaggca aggagaggtg 60
 gaaaagctaa tcaagtgcga tgaaattcag gtggatcctg aagaaccagt ctttgaggct 120
 gtcacatggt ggggtgaagca tgccaagaaa gagcagaaag actccttgcc cagcctgcta 180
 cagtatatgc agatgcccc ctaaccctc aggtatatca cagatgtaat agatgctgag 240
 cctttcatcc actatgggtt acaatgcagg gatctgggtg atgaagcaaa gaagtttcat 300
 ctgaggcctg aacttcagag tcagatgcag ggaccagga caagggtcgc cctaggagcc 360
 aatgaagtgc ttttggtggc tgggggcttc ggaagcca 398

<210> 2088
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(369)
 <223> similar to gi4337015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2088

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| caagcatcct | gcccgcctcg | ctggtgacca | tctgatctt | catggaccag | cagatcactg | 60 |
| ccgtcattgt | caaccggaag | gagaacaaac | tgaagaaggc | tgccggctac | catctggacc | 120 |
| tgttctgggt | gggcacctc | atggctttgt | gctcctttat | ggggctcccc | tggtacgtgg | 180 |
| ctgccacggt | catctccatc | gcccacatcg | acagcctcaa | gatggagaca | gagaccagtg | 240 |
| cccttgggga | gcagccccag | tttctgggag | tcagggaaca | gagagtaacc | ggcatcatcg | 300 |
| tcttcacctc | gacgggaatc | tctgtcttcc | tggtctccat | cctaaagtgt | atccccctgc | 360 |
| cggtgc | | | | | | 366 |

<210> 2089
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(576)
 <223> similar to gil789001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2089

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cggcgcttca | cgcgtagagg | caggcagtg | gaatggaatg | ctcattgatg | gtggtagcca | 60 |
| gatagtaaaa | gttcaagggc | acgctgatgg | tacaacgata | aataagtctg | gctctcagga | 120 |
| cgtagtacaa | ggaagtctgg | caacgaacac | aaccataaat | ggtggctcgc | agtatgttga | 180 |
| acagagcaca | gtagaaacaa | caaccattaa | aaatggcggt | gagcaaagag | tatatgagag | 240 |
| ccgtgcgctg | gacacgacga | ttgaaggcgg | aactcagttc | ctgaatagta | agtcaacggc | 300 |
| aaaaaatacg | catatctatt | ctggtggcac | gcaaattggt | gataacacca | gcacctcgga | 360 |
| tgttattgaa | gtttattctg | gtggcggtgt | tgatgttagg | ggtgggtacg | caacaaatgt | 420 |
| taccagcac | gatggtgcaa | ttttaaaaa | taacactaac | ggtacgacgg | tgagcggtac | 480 |
| gaatagttaa | ggtgcattct | ccatccacaa | tcacgtggca | gacaatgtgt | tgctggaaaa | 540 |
| cggtggtcat | ttagacataa | acgcataatg | ttcg | | | 574 |

<210> 2090
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (50)...(574)
 <223> similar to gi4153862 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2090
cccacgcgtc cgggcatttc gagagggatc ccggaagtcc ttgcggatga agaattctcc 60
ctctgaagca cagaatttag atgagaatac aactgagggc tgggaaaatc ggataagact 120
atggactgac cagtatgaag aagctttcac taatcagtac agtgcagatg tacagaacgc 180
gcttgaacaa cacctacatt ctagcaagga atttgtgggc aaacctacta ttttagacac 240
tattaataag actgaattgg cctgtaataa cacagttatt ggttcccaa tgcagttaca 300
gctgggaaga gtcactcgtg ttcaaaagca ccggaagatc ctgagggctg caagagattt 360
ggctttggac actcttataa tagagtatcg tgggaaagtc atgttacgac agcaatttga 420
ggccaatggg catttcttca aaaaaccata cccctttgtg ctcttctact caaaattcaa 480
tgggtgtagag atgtgtgtgg atgcccgtac ttctcgtaat gatgctcggg tcatcagaag 540
atcatgtaca ccaaatgcag aggtgcgaca catga 575

```

<210> 2091
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (193)...(440)
 <223> similar to gi3790173 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2091
aatagagaag gtgccagaaa gatccaaaac aagtggctgc ggccgtcgcc caggagtcac 60
cggacgccag aatctgtgtc tccagaacgc tatagctatg gcacctccag ctcttcaaag 120
aggacagagg gtagctgccc tcgccgtcgg cagtcaagca gttctgcaa ttctcagcag 180
ggtcagtggtg agacaggctc ccccccaacc aagcggcagc ggccggagtcg gggccggccc 240
agtggtggtg ccaaacggcg gcggagaggg gcccagccg caccacagca gcagtcagag 300
ccgcacagac ctctctctga aggcacagtg acctgtgaca tccggctccg ggttcgagca 360
gagtactgag agcatgggac agccttggag cagggcgtgg catcccgccg gcccacagcg 420
ctggcgcgcc aacttgacg

```


<210> 2092
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (539)...(781)
 <223> similar to gi4689221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2092
ggcggcggcg tttgagtgga ggaagatggc ggctccgggc ggctcggggg cccgccagct    60
gtgaggagcc ccgagcacgg ctgtcgcggc ctgaggcaga gcgcctctgc tctggccctg    120
tccctggctc cctcattacc gtcgccagcg gagcgaaccc gagagcgtgg agcgggctgg    180
gccagctgtt gagtggaaatg tcatggccag ctccctcggac agtgaagatg acagtttcat    240
ggctgtggac caggaagaaa ctgtgctgga agggacaatg gatcaagatg aggagcccca    300
cccagtattg gaggtgagg agactagaca taataggtcc atgtcggagc tgccagaaga    360
ggttttggag tatatcctgt cctttctctc accgtatcag gaacacaââââ ctgcggccct    420
tgtctgcaaa cagtggatc gacttatcaa aggtgtagcc catcagtgtt atcatggttt    480
catgaaggct gtccaggaag gaaacattca gtgggagagc cgtacctatc cttatcctgg    540
aaccccaatc actcagcgt tctcgcacag tgcattgctat tatgatgcta atcagtctat    600
gtatgtgttt ggaggctgta ccagagcag ctgcaatgct gctttcaatg acctctggag    660
acttgacctt aacagcaaag agtggatccg acctttggct tcagggtcct atccttcccc    720
caaagctgga gcaactctgg tcgtgtacaa ggacttgcta gtgctgtttg gtggctggac    780
gcggccag
  
```

<210> 2093
 <211> 929
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (69)...(830)
 <223> similar to gi3688607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2093
atttgataac cgtagtatat ctctgtacgc gagccggaat tcccgggtag acgatttcgt    60
gcccgacctt cccacctgcc gccatggtgc ccagccaggc cccttacctc gtcccagctt    120
ttcccctccc agccgcgacc tcaccgggaa gagaatacgc agcccccgga actgcaccgg    180
  
```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaggcctgca | tgggcccgcc | ttgtccgagg | gcttgagccc | ttacccagct | ttcccttttc | 240 |
| cttacttgga | tacttttatg | accgttttcc | tgccgtaccc | ccctgtctgt | cctctgttgt | 300 |
| cgccatcatt | tttgccatgt | ccattcctgg | ggcgacagc | ctcttctgcg | atatcaccct | 360 |
| caatgtcgtc | agcaatgagt | ccaactctgg | acccaccccc | ttcagtcacc | agccaaagga | 420 |
| gagaggagga | aaagtgggag | gcacaaagcg | aggggcaccc | gttcattact | tcgagaagca | 480 |
| gctcaccctt | gcagttaaac | ttacttcagg | aagagatgcc | cagaccctct | gaatctccag | 540 |
| atcagatgag | aaggaacacg | tgcccacaaa | ctgagtatca | gtgtgttaca | ggcaacaatg | 600 |
| gcagtgagag | cagtctgtct | actaccggtg | cactgtccac | ggggtcacct | cccagggaga | 660 |
| atccatccca | tcctactgcc | agcgctctgt | ccacaggatc | gcctcccatg | aagaatccat | 720 |
| cccaccttac | tgccagcgct | ctgtccacgg | gatcgccctc | catgaagaat | ccatcccatc | 780 |
| ctactgccag | cacactgtcc | atgggattgc | ctcccagcag | gactccatcc | catcctactg | 840 |
| ccactgttct | gtccacgggg | tcacctccca | gcgaatcccc | atccagaact | ggttcagcag | 900 |
| catcaggaag | cagcgacagc | agttgtatt | | | | 929 |

<210> 2094

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(635)

<223> similar to gi60394 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2094

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|------|
| tttcgtgccc | gggcagcggg | ggagcagcga | gcgggcttcc | gcgagccgga | gaaggcacag | 60 |
| gcctgtcccc | ggccccggca | ggtctgcgcg | tctgttccca | gcgctctgcg | aggcctaaaa | 120 |
| aggaggagca | acctgtccag | aatccctgca | ggacaggaaa | aggaggggaa | atctcgacat | 180 |
| ggaaaaaccc | tacaataaaa | atgaaggaaa | cctggaaaac | gagggaaagc | cagaagatga | 240 |
| agtagagcct | gatgatgaag | gaaagtcaga | cgaggaagaa | aagccagacg | tggaggggaa | 300 |
| gacagaatgc | gagggaaaga | gagaggatga | gggagagcca | ggtgatgagg | gacaactgga | 360 |
| agatgagggg | agccaggaaa | agcagggcag | gtccgaaggt | gagggcaagc | cacaaggcga | 420 |
| gggcaagcca | gcctcccagg | caaagccaga | gagccagccg | cgggccgccc | aaaagcgccc | 480 |
| ggctgaagat | tatgtgcccc | ggaaagcaaa | aagaaaaacg | gacaggggga | cggacgattc | 540 |
| ccccaaaggac | tctcaggagg | acttacagga | aaggcatctg | agcagtgagg | agatgatgag | 600 |
| agaatgtgga | gatgtgtcaa | gggctcaaga | ggagctaagg | aaaaaacaga | aaatgggtgg | 660 |
| ttttcattgg | atgcaaagag | atgtacagga | tccattcgcc | ccaaggggac | aacgggggtg | 720 |
| caggggagtg | aggggtggag | gtaggggcca | gaggggctta | cacgatatcc | cataccttta | 780 |
| atgccttttg | ccttccattc | tgattttctct | gatgagaata | ttgctggccc | tgctttccct | 840 |
| ggtaggtatt | tgccaggccc | aatgctttta | ccttaagctg | atactttgct | ttagatgtca | 900 |
| gtctcgttac | cagcagcctt | ttgacccaac | tacggcgctc | tatatttttag | tagaggattt | 960 |
| tcacccatgt | gcatggaaaa | gatgttcatg | gtacattgta | aaaaaataaa | attaaaatta | 1020 |
| aaaaaagttt | gcagaaccgc | aaaaaaaaaa | | | | 1050 |

<210> 2095

<211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (152)...(421)
 <223> similar to gi2505957 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2095

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| gcgggtcggct | gtggcaagct | tctcttgtct | ctgacggctt | gtagttatgg | ggcaggagcc | 60 |
| gcggacgctg | ccgccctccc | ccaactggta | ctgcgcccgc | tgcagcgatg | ccgtgcccg | 120 |
| gggcctcttt | ggcttcgccc | cgcggaacctc | cgtcttctt | gtccgcgtgg | gcccgggccc | 180 |
| aggcgagagt | ccagggaacac | ccccgtttcg | agtcatagga | gagttgggtg | gacacaccga | 240 |
| aagggtctct | ggcttcacat | tttctcatca | ccctgggtcag | tacaacctct | gtgccaccag | 300 |
| ctccgacgat | gggactgtga | aaatatggga | tgtagagaca | aaaacagttg | tgacagaaca | 360 |
| tgcaactccat | cagcatacga | tatcaacatt | acattgggtct | cctcgagtaa | aggacttaat | 420 |
| agtatctggg | gatgaaaaag | gagtagtttt | ctgttactgg | g | | 461 |

<210> 2096
 <211> 1199
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (177)...(1052)
 <223> similar to gil755049 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2096

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttcgtcagg | aatgaattaa | gcagcacagc | ccgagacgca | ccacataaaa | ggctgggaac | 60 |
| accagccagc | cgaagaaagc | ccatttttgt | gtctgtcagc | ttagatgccc | ttgcccggac | 120 |
| tgctaaagat | gcagctat | acagtggaca | gaaactgaag | gggtgaaaga | aaacccaaga | 180 |
| tgccagacca | gtttgaccag | gcggttgtgc | tgaaccagct | gcggtactca | gggatgctgg | 240 |
| agactgtgag | aatccgcaaa | gctgggtatg | cggtcggaag | accctttcag | gacttttaca | 300 |
| aaaggtataa | agtgtctgat | aggaatctgg | ctctgcctga | ggacgtccga | gggaagtgca | 360 |
| cgagcctgct | gcagctctat | gatgcctcca | acagcgagtg | gcagctgggg | aagaccaagg | 420 |
| tctttcttcg | agaatccttg | gaacagaaac | tggagaagcg | gagggaagag | gaagtgaagc | 480 |
| acgcggccat | ggtgattcgg | gcccattgtc | tgggtctctt | agcacgaaaa | caatacagaa | 540 |
| aggtccttta | ttgtgtggtg | ataatacaga | agaattacag | agcattcctt | gtgaggagga | 600 |
| gatttttgca | cctgaaaaag | gcagccatag | ttttccagaa | gcaactcaga | ggtcagattg | 660 |
| ctcggagagt | ttacagacaa | ttgctggcag | agaaaaggga | gcaagaagaa | aagaagaac | 720 |
| aggaagagga | agaaaagaag | aaacgggagg | aagaagaag | agaaagagag | agagagcgaa | 780 |
| gagaagccga | gctccgcgcc | cagcaggaag | aagaaacgag | gaagcagcaa | gaactcgaag | 840 |
| ccttgacagaa | gagccagaag | gaagctgaac | tgacccgtga | actggagaaa | cagaaggaaa | 900 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ataagcaggt | ggaagagatc | ctccgtctgg | agaaagaaat | cgaggacctg | cagcgcata | 960 |
| aggagcagca | ggagctgtcg | ctgaccgagg | cttccctgca | gaagctgcag | gagcggcggg | 1020 |
| accaggagct | ccgcaggctg | gaggaggaga | tttttgcacc | tgaaaaaggc | agccatagtt | 1080 |
| ttccagaagc | aactcaagag | gtcagattgc | tcggagagtt | tacagacaat | tgctggcaga | 1140 |
| gaaaagggag | caagaagaaa | agaagaaaca | ggaagaggaa | gaaaagaaga | aacggggagg | 1199 |

<210> 2097
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (16)...(177)
 <223> similar to gi4186073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2097 | | | | | | |
| tttttctctt | ccatccagct | gactgatgat | cagggccccg | tcctgatgac | cactgtagcc | 60 |
| atgcctgtgt | ttagtaagca | gaacgaaacc | agatcgaagg | gcattcttct | gggagtgggt | 120 |
| ggcacagatg | tcccagtga | agaacttctg | aagaccatcc | ccaaatacaa | ggtaatgaat | 180 |
| gacctaattc | ctgaaatcaa | agcaacagag | atgccagag | ccttgttttc | acaaagttca | 240 |
| ggcttcaaac | tctactttgg | agcgatgttt | ttgctcacca | ctattacagc | ctgttagctt | 300 |
| gtctttatac | catctgcaca | gttattttaa | aggnnnnnnn | nnnattattt | acaaggactg | 360 |
| gctgtttttc | ttatttacct | cct | | | | 383 |

<210> 2098
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(388)
 <223> similar to gi4240305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2098

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctggccgaac | tcccgggtcg | acgatttcgt | cgccgggcaa | aatcgcggtg | gttggggctg | 60 |
| ggattggggg | ctctgctgtg | gcccattttc | tccagcagca | ctttggacct | cgggtgcaga | 120 |
| tcgacgtgta | cgagaaggga | accgtgggtg | gccgcttggc | caccatctca | gtcaacaagc | 180 |
| agcactatga | gagcggggct | gcctccttcc | actccctgag | cctgcacatg | caggacttcg | 240 |
| tcaagctgct | ggggctgagg | caccggcgcg | aggtgggtggg | caggagcgcc | atcttcggcg | 300 |
| gggagcactt | catgctggag | gagactgact | ggtacctgct | gaacctcttc | cgcctctggt | 360 |
| ggcactatgg | catcagcttc | ctgag | | | | 385 |

<210> 2099
 <211> 508
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(510)
 <223> similar to gil57999 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2099 | | | | | | |
| ctgtgaggcc | atcgccacc | caaggcctac | catcagctgg | gccaggaatg | gagaagaagt | 60 |
| tcagttcagt | gacaggattc | ttctacagcc | agatgattcc | ttacagatct | tggcaccagt | 120 |
| ggaagcagat | gtgggtttct | acacttgcaa | tgccaccaat | gccttgggat | acgactctgt | 180 |
| ctccattgcc | gtcacattag | caggaaagcc | actagtgaag | acgtcacgaa | tgacagtgat | 240 |
| caacacggag | aagcctgcag | tcacagtcga | tataggaagc | accatcaaaa | cagtgcaggg | 300 |
| agtgaatgtg | acaatcaact | gccagggtgc | aggagtgcct | gaagctgaag | tcacttgggt | 360 |
| caggaataaa | agcaaaactg | gctccccgca | ccatctgcac | gaaggctcct | tgctgctcac | 420 |
| aaaégtgtcc | tcctcggatc | agggcctgta | ctcctgcagg | gcggccaatc | ttcatggaga | 480 |
| gctgactgag | agcaccacgc | tgctgatac | | | | 508 |

<210> 2100
 <211> 527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (203)...(421)
 <223> similar to gi3413830 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|-----------|------------|----|
| <400> 2100 | | | | | | |
| tttcgtgccc | tgctccttcc | tgagggttta | gagattctcc | ttactccca | gccatggatc | 60 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttggagaatt | tcccccgaga | tcagcaggag | ggaaaagatg | ccgttccacc | atgtgaccgc | 120 |
| cggcttggtg | tacaagggga | attacctcaa | ccgatcgctc | tctgctggca | gtgacagcga | 180 |
| acagctggct | aatatctccg | tggaggagct | cgatgaaatc | cgagaggcct | ttcgggttct | 240 |
| ggaccgggat | gggaacggct | tcatctccaa | gcaggagctg | ggcatggcca | tgcgctcttt | 300 |
| gggttacatg | ccaagcgagg | tggagctggc | catcatcatg | cagcgcttgg | acatggacgg | 360 |
| ggatggccag | gtggattttg | atgaattcat | gaccattctt | ggccccaac | tgggtgtctt | 420 |
| agaaggtcgc | gatggttttc | ttgggaacac | gatagacagc | atattctggc | aggtgagtaa | 480 |
| gaatattttt | tttcagacta | agtttgacag | taaatgtgtc | tgagact | | 527 |

<210> 2101

<211> 2147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(2149)

<223> similar to gi2373395 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2101

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|------|
| tttcgttaac | ctaattggta | ctggaacaag | tgaacactgg | gtcgatgatg | aagggcccca | 60 |
| gccaaagaaa | ggaaaggctg | aagatgaggc | cttactctca | gaagaagatg | acccatttga | 120 |
| tcgacggcca | tggacacagc | agcaccttga | agctgcagac | atccgtagga | caccatcgct | 180 |
| ggctctcacc | cctcctcagg | cagagcagga | ggtggatgtg | ttagatgtga | atgtccgtgg | 240 |
| cccagatggc | tgcaccccat | tgatgttggc | ttctctccga | ggaggcagct | cagatttgag | 300 |
| tgatgaagat | gaagatgcag | aggactcttc | tgtaacatc | atcacagact | tggctctacca | 360 |
| gggtgccagc | ctccaggccc | agacagaccg | gactggtgag | atggccctgc | accttgccagc | 420 |
| ccgctactca | cgggctgatg | ctgccaaagc | tctcctggat | gcagggtgcag | atgccaatgc | 480 |
| ccaggacaac | atgggcccgt | gtccactcca | tgctgcagtg | gcagctgatg | cccaagggtgt | 540 |
| cttccagatt | ctgattcgca | accgagtaac | tgatctagat | gccaggatga | atgatggtac | 600 |
| tacacccctg | atcctggctg | cccgccctggc | tgtggaggga | atggtggcag | aactgatcaa | 660 |
| ctgccaaagc | gatgtgaatg | cagtggatga | ccatggaaaa | tctgctcttc | actgggcagc | 720 |
| tgctgtcaat | aatgtggagg | caactctttt | gttgttgaaa | aatggggcca | accgagacat | 780 |
| gcaggacaac | aaggaagaga | cacctctggt | tcttgcctgc | cgggagggga | gctatgaagc | 840 |
| agccaagatc | ctgtaggacc | atcttgccaa | tcgagacatc | acagaccata | tggatcgtct | 900 |
| tccccgggat | gtggctcggg | atcgcatgca | ccatgacatt | gtgcgccttc | tggatgaata | 960 |
| caatgtgacc | ccaagccctc | caggcacccg | gttgacttct | gctctctcac | ctgtcatctg | 1020 |
| tgggccccaa | agatctttcc | tcagcctgaa | gcacacccca | atgggcaaga | agtctagacg | 1080 |
| gcccagtgcc | aagagtacca | tgccctactag | cctccctaac | cttgccaagg | aggcaaagga | 1140 |
| tgccaagggt | agtaggagga | agaagtctct | gagtgagaag | gtccaactgt | ctgagagttc | 1200 |
| agtaacttta | tcccctgttg | attccctaga | atctcctcac | acgtatgttt | ccgacaccac | 1260 |
| atcctctcca | atgattacat | ccctgggat | cttacaggcc | tcacccaacc | ctatgttggc | 1320 |
| cactgccgcc | cctcctgccc | cagtccatgc | ccagcatgca | ctatcttttt | ctaaccttca | 1380 |
| tgaaatgcag | cctttggcac | atggggccag | cactgtgctt | ccctcagtga | gccagttgct | 1440 |
| atcccaccac | cacattgtgt | ctccaggcag | tggcagtgtt | ggaagcttga | gtaggttcca | 1500 |
| tccagttcca | gtccagcgag | attggatgaa | ccgcattggag | gtgaatgaga | cccagtacaa | 1560 |
| tgagatgttt | ggtatggtcc | tggctccagc | tgagggcacc | catcctggca | tagctcccca | 1620 |
| gagcaggcca | cctgaaggga | agcacataac | caccctcgg | gagcccttgc | ccccattgt | 1680 |
| gactttccag | ctcatcccta | aaggcagtat | tgcccaacca | gcgggggctc | cccagcctca | 1740 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|------|
| gtccacctgc | cctccagctg | ttgcggggccc | cctgcccacc | atgtaccaga | ttccagaaat | 1800 |
| ggcccgtttg | cccagtggtg | ctttcccccac | tgccatgatg | ccccagcagg | acgggcaggt | 1860 |
| agctcagacc | attctcccag | cctatcatcc | tttcccagcc | tctgtgggca | agtacccac | 1920 |
| accccccttca | cagcacagtt | atgcttcttc | aaatgctgct | gagcgaacac | ccagtcacag | 1980 |
| tggtcacctc | cagggtgagc | atccctacct | gacaccatcc | ccagagtctc | ctgaccagtg | 2040 |
| gtcaagttca | tcaccccact | ctgcttctga | ctggtcagat | gtgaccacca | gccctacccc | 2100 |
| tgggggagct | ggaggaggtc | agcgggggacc | tgggacacac | atgtctg | | 2147 |

<210> 2102
 <211> 537
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> similar to gil213006 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 2102 | | | | | | |
| ctgggagagg | aggaagatga | agccgaggtg | gaagacgagg | aggaggcggc | gagccagcag | 60 |
| ttcctagagc | agtcgctcca | gccggggctg | caggtggccc | ggtggggcgg | ggttgcgctt | 120 |
| ccccgagagc | acatcgaggg | cggcggcggc | ccgagcgacc | cctcagagtt | tggcaccaag | 180 |
| ttcagggcac | cgccaaggtc | tgcggcggcc | tctgaagatg | cccggcagcc | ggcaaagccc | 240 |
| ccctactcgt | acatcgcgct | catcaccatg | gccatcctgc | aaaacccgca | caagcgcttc | 300 |
| acgctcagcg | gcatctgcgc | cttcattagt | ggccgcttcc | cctactaccg | cgcgaagttc | 360 |
| cccgcctggc | agaacagcat | ccgccacaac | ctctcgctga | acgactgctt | cgtttaagatc | 420 |
| ccccgcgagc | cgggccaccc | aggcaagggc | aactactgga | gcctggaccc | cgcctcccaa | 480 |
| gacatgttcg | acaatggcag | ctttctccgg | cgtaggaagc | gtttcaagcg | ccaccaa | 537 |

<210> 2103
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(474)
 <223> similar to gi3169768 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| <400> 2103 | | | | | | |
| ggtacaagga | tgccctgctg | ctgccagaca | accaccgcca | ggtgggtgtt | gagaatggga | 60 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ccctcaagct | gactgacgtg | cagaagggca | tggatgaggg | ggagtacctg | tgcagtgtcc | 120 |
| tcatccagcc | ccagctctcc | atcagccaga | gcgttcacgt | agccgtcaaa | gtgccccctc | 180 |
| tgatccagcc | cttcgaattc | ccaccgcct | ccatcggccca | gctgctctac | attccctgtg | 240 |
| tggtgtcctc | gggggacatg | cccatccgta | tcacctggag | gaaggacgga | caggtgatca | 300 |
| tctcaggctc | gggcgtgacc | atcgagagca | aggaattcat | gagctccctg | cagatctcta | 360 |
| gcgtctccct | caagcacaac | ggcaactata | catgcatcgc | cagcaacgca | gccgccaccg | 420 |
| tgagccggga | gcgccagctc | atcgtgcgtg | tgccccctcg | atttgtggtg | c | 471 |

<210> 2104
 <211> 483
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (45)...(432)
 <223> similar to gi5679450 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2104 | | | | | | |
| aggctacgga | gcaggcgaga | ggcgacggcg | agagctagag | cgggcgcagc | gttaggggtg | 60 |
| ccgtgcaagg | ggagccgtgg | cccgggccc | gggcgtgcga | gacggcgga | gcagcccagg | 120 |
| gccttgctgc | cgccatgact | gaggaatcag | aggagacagt | cctgtacatt | gagcaccgct | 180 |
| atgtctgctc | tgagtgcac | cagctgtatg | gatcactgga | agaggtgctt | atgcaccaa | 240 |
| actcccacgt | gccccagcag | cactttgagc | tggtgggctg | ggctgatccc | ggagtactg | 300 |
| tggccacaga | cacagcttca | ggcacgggcc | tctatcagac | ccttgctgag | gagagccagt | 360 |
| accagtgcct | ggagtgtggt | caactgctga | tgtcaccag | ccagctcctg | gagcaccagg | 420 |
| agctgcacct | gaagatgatg | gcaccccagg | aggcagtgcc | agctgagcca | tcacctaagg | 480 |
| cac | | | | | | 483 |

<210> 2105
 <211> 1229
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (140)...(814)
 <223> similar to gi3929219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|-----------|----|
| <400> 2105 | | | | | | |
| tttcgtccgg | cgccgggtcc | cggagacaga | cgttacgcgg | gctcgagcgt | cctcggaag | 60 |

| | | | | | | |
|-------------|------------|------------|------------|--------------|------------|------|
| tgccagccag | agttggtgac | gaccacttcc | tcgacgtggg | gcgggcccggac | gggaagcctg | 120 |
| gggtcggtggc | caccgcctcg | ggagctctgg | gagcccgggt | gaccgcgtag | aaatgaacac | 180 |
| agaagcggag | caacagcttc | tccatcacgc | cagaaatggc | aatgctgaag | aagtaagaca | 240 |
| actattagag | accatggcga | ggaatgaagt | gattgctgac | attaattgca | aaggaagaag | 300 |
| taagtctaac | ttgggctgga | cacctctaca | tctggcatgc | tattttggac | acagacaagt | 360 |
| ggtccaggat | ctgttgaagg | ctggtgcaga | agtgaatgtg | ttgaatgaca | tgggagacac | 420 |
| gccgcttcat | cgagctgcct | ttacaggacg | aaaggagttg | gtaatgcttc | tcttagaata | 480 |
| taatgctgat | actactattg | ttaatgggag | tggacagaca | gcaaaaagaag | ttactcatgc | 540 |
| tgaagaaatc | acaagcatgc | ttgaagctgt | agaaaggact | caacaaagaa | agcttgaaga | 600 |
| attactttta | gcagcagcaa | gagaaggcaa | aacaacagaa | ctcacagctc | tgctcaacag | 660 |
| gccaatcct | cctgatgtta | actgttcgga | tcagttagga | aatacaccct | tgcatgtggc | 720 |
| agcttaccgg | gcccataaac | aatgggacct | aaagctttta | aaaagtggag | cagaccctaa | 780 |
| tctgaagaac | aaaaatgatc | agaaacctct | tgaccttgcc | caggggtgctg | aaatgaaaca | 840 |
| cattcttggt | ggtaataagg | tcactctaaa | agcattgaaa | cgatatgagg | gccctctctg | 900 |
| gaagagttca | agattttttg | gctggagatt | attctgggta | gtgttagagc | atggagtcct | 960 |
| ttcatggtat | aggaacacgc | ctgatgcagt | tcataatatt | tatcgccagg | gatgcaaacy | 1020 |
| cctgactcaa | gcagtatgca | cggtaaaatc | caactgatgc | tgccctcttc | ttattaaatg | 1080 |
| ctttgatgac | gccattcatg | gcttcgggtg | tcctaagaat | agccttcagc | agtcaagaga | 1140 |
| ggcctggctg | gaagcaatag | tcgctctttc | tgcttacagc | gctcattact | gtacacaaaa | 1200 |
| ccagctgact | gatgaggagg | aggtgtatt | | | | 1229 |

<210> 2106

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(457)

<223> similar to gi915001 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2106

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| tttcgtcgtg | gggcccggggc | ggagagaggg | gagcaccggg | aaggggagcg | tggggccgct | 60 |
| ggaatgggtg | aatttaaggt | ccatcgagta | cgtttcttta | attatgttcc | atcaggaatc | 120 |
| cgctgtgtgg | cttacaataa | ccagtcaaac | agattggctg | tttcacgaac | agatggcact | 180 |
| gtggaaatth | ataacttgct | agcaaaactac | tttcaggaga | aatttttccc | aggatcatgag | 240 |
| tctcgggcta | cagaagcttt | gtgctgggca | gaaggacagc | gactcttttag | tgctgggctc | 300 |
| aatggcgaga | ttatggagta | tgatttacag | gcgttaaaca | tcaagtatgc | tatggatgcc | 360 |
| tttggaggac | ctatttggag | catggctgcc | agccccagtg | gctctcaact | tttggttggt | 420 |
| tgtgaagatg | gatctgtgaa | actatttcaa | attacccag | acaaaatacc | agtt | 474 |

<210> 2107

<211> 857

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(858)
 <223> similar to gi4314432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2107
 tttcgtgccc tggctccagc atccacggca tcaggcgcag cctctgtggg acagacatca 60
 gctagaaaaga gggatgcccc agcccctaga cctctccctg cttctgaggg gcatctccag 120
 cctccagctc agacatctgg tcctacaggc tccccaccct gcatccaaac ctccccagac 180
 cctcggctct cccctcctt ccgagcccgg cctgaggccc tccacagcag ccctgaggat 240
 cctgttttgc cacggccacc ccagacctg cccttggatg tgggccaggg tccttcagag 300
 cctggcactc actcccctgg acttctgtcc cccaccttcc ggcctggggc cccctcaggc 360
 cagactgtgc cccacactct gcccaagcca ccccgatcac ccagccgttc cccaagccac 420
 tccccgaatc gctctccctg tgttccccca gcccctgaca tggccctccc aaggcttggc 480
 acccagagta cagggcctgg cagggtgctg agccccaacc ttcaggccca agaagcccca 540
 gccccagtca ccacctctc ttctacatcc accctgtcat cctccccttg gtcagctcag 600
 cctacctgga agagcgaccc cggcttccgg atcactgtgg tcacatggaa cgtgggcact 660
 gccatgcccc cagacgatgt cacatccctc ctccacctgg gcggtggtga cgacagcgac 720
 ggcgcagaca tgatcgccat agggttgcag gaagtgaact ccatgctcaa caagcgactc 780
 aaggacgccc tcttcacgga ccagtggagt gagctgttca tggatgcgct aagggccttt 840
 cacttcgtgc ttgtgag 857

<210> 2108
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(595)
 <223> similar to gi3207508 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2108
 tttcgtgttc aggaactggc accaatgcgt gttacatgga ggaatgagc aacattgacc 60
 tgggtggaggg cgacgagggc aggatgtgca tcaacacaga gtggggggcc ttcggggacg 120
 acggggccct ggaggacatt cgcactgagt tcgacagggg gctggacctc ggctctctca 180
 acccaggaaa gcaactgttc gagaagatga tcagtggcct gtacctgggg gagcttgtca 240
 ggcttatctt gctgaagatg gccaaaggctg gcctcctgtt tgggtggtgag aaatcttctg 300
 ctctccacac taagggaag atcgaaacac ggcacgtggc tgccatggag aagtataaag 360
 aaggccttgc taatacaaga gagatcctgg tggacctggg tctggaaccg tctgaggctg 420
 actgcattgc cgtccagcat gtctgtacca tcgtctcctt ccgctcggcc aatctctgtg 480
 cagcagctct ggcgccatc ctgacacgcc tccgggagaa caagaagggtg gaacggctcc 540
 ggaccacagt gggcatggac ggcacctct acaagatata ccctcagtac cc 592

<210> 2109
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(696)
 <223> similar to gi3925211 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2109

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccggaatttc | cgggtcgacg | atttcgtcct | ggacgtctcg | gcgggccagc | tgcttatggt | 60 |
| ggacggacgc | cacctgacg | ccgtggcctg | ggccaacctc | accaacgcca | tccgcgagac | 120 |
| tggtgtggcc | ttcctggagc | tgggcacaag | tggccaatac | aatgacagct | tgaggccta | 180 |
| tgacgccgtg | gtggtggagg | ctgctgtgtc | ggaggagctc | atctacatgc | actggatgaa | 240 |
| cacggtggtg | aattactgcg | gccccttcga | gtatgaagtc | ggctactgcg | agaggctgaa | 300 |
| gagcttcctg | gaggccaacc | tagagtggat | gcaggaagag | atggagtcaa | acccagactc | 360 |
| accttactgg | caccaggtgc | ggctgaccct | cctgcagctg | aaaggcctgg | aggacagcta | 420 |
| cgaaggccgt | gtgagcttcc | cagctgggaa | gttcaccatc | aaacccttgg | ggttcctcct | 480 |
| gctgcagctc | tctggggacc | tggaagacct | ggagctggcc | ctgaacaaga | ccaagatcaa | 540 |
| accttctctg | ggctctggct | cctgttctgc | cctcatcaag | ctgctccctg | gccagagtga | 600 |
| cctcctggtt | gccacaaca | cctggaacaa | ctaccagcac | atgctgcgtg | tcataaagaa | 660 |
| gtactggctc | cagttccggg | aaggcccctg | gggggactac | ccgctgggtc | ccggcaacaa | 720 |
| gctggtcttc | | | | | | 730 |

<210> 2110
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (16)...(690)
 <223> similar to gi643654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2110

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| agctgagtcg | agctcgccgg | agcgggcacc | tctgtcagcc | tcttcgcagt | tgtagttatt | 60 |
| gtgtgtggcg | tggccctggg | ggcagatttt | ctctttctct | tttgggaagct | gtgctggatg | 120 |
| ccctggagga | acaaggaggc | ctccagtcct | tcttctgcta | atccccctt | ggaagccctc | 180 |
| cagagcccca | gcttcagagg | caacatggcg | gacaagctga | aggaccccag | cacctggggc | 240 |
| ttctggagg | cggccgtgaa | gatcatccac | acgtccccag | atatcccagc | tgatgtgcag | 300 |
| atgtcggtca | aggagcacat | catgcgtcac | acccggctgc | agcggcaaac | tacagagcca | 360 |
| gcgtcatcca | ccaggcacac | gtccttcaag | cgccacctgc | caaggcagat | gcatgtctcc | 420 |
| agtgtagact | atggcaatga | gcttccacca | gcagcagagc | agcccaccag | cattggccgc | 480 |
| atcaagcctg | agctctacaa | gcagaagtcg | gtggatgggg | aggatgccaa | gtctgaggcc | 540 |
| accaagagct | gcgggaagat | caacttcagc | ctacgctacg | attacgagac | cgagaccctg | 600 |
| attgtgcgta | tctgaaggc | ttttgacctc | cctgccaaag | acttttgtgg | aagctctgac | 660 |
| ccttatgtca | agatctacct | cctgccttga | ccggcaaatg | gcaagcttgc | aggacccggg | 720 |
| ttgcaccgca | aggaccctgg | aacccccant | ttggatggag | gaattttcca | ttt | 773 |

<210> 2111

<211> 2166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(2156)

<223> similar to gil403709 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2111

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| tttcgttgca | attgcaacga | atgggtgtgt | gcctgctggg | ggctcctact | acatgatttc | 60 |
| caggtctctg | ggcccagagt | ttgggggtgc | cgtgggcctc | tgcttctacc | tgggcactac | 120 |
| ctttgcagga | gccatgtaca | tcctgggcac | catcgaaatc | ctgctggctt | acctcttccc | 180 |
| agccatggcc | atcttcaagg | cagaagatgc | cagtggggag | gcagcagcca | tgctgaacaa | 240 |
| catgcgtgtt | tacggcacct | gtgtgctcac | ctgcatggcc | actgtgggtg | ttgtgggtgt | 300 |
| caagtatgtc | aacaagtttg | cccttgtctt | cctgggttgt | gtcatcctct | ccatcctggc | 360 |
| catctatgct | ggggtcatca | agtctgcctt | cgaccacccc | aacttcccga | tctgcctcct | 420 |
| gggtaaccgc | acgctgtctc | gccatggctt | tgatgtctgt | gccaagctgg | cttgggaagg | 480 |
| aaatgagacg | gtgaccacac | ggctatgggg | ccttttctgc | tctctcgcct | tcctcaacgc | 540 |
| cacctgtgat | gaataacttca | cccgaacaaa | tgtcacagag | atccagggca | tccttgggtg | 600 |
| tgccagtggc | ctcatcaaag | agaacctctg | gagctcctac | ctgaccaagg | gcgtgattgt | 660 |
| ggagaggagt | gggatgacct | cggtgggcct | ggcggatggc | actcctatcg | acatggacca | 720 |
| cccttatgtc | ttcagtgata | tgacctccta | cttcacctg | ctgggtggca | tctacttccc | 780 |
| ctcagtcaca | gggatcatgg | ctgggttctaa | ccgctctggg | gacctgaggg | atgccagaaa | 840 |
| gtcaatcccc | actggcacca | tcctggccat | cgccaccacc | tctgctgtct | acatcagctc | 900 |
| cgttggtctg | tttggggcct | gcattgaggg | ggctgtcctg | cgggacaagt | ttggcgaagc | 960 |
| tgtgaatggc | aacctcgtgg | tgggcactct | ggcctggcca | tctccatggg | taattgtcat | 1020 |
| cggatccttc | ttctccacct | gtggggctgg | gctgcagagc | ctcacggggg | ccccacgcct | 1080 |
| gctgcaggcc | atctcgaggg | atggcattgt | gcccctcctg | caggtctttg | gccatggcaa | 1140 |
| ggccaatgga | gagccgacct | gggcccctgt | cctgactgcc | tgcatctgcg | agattggcat | 1200 |
| cctcattgca | tcctcgcagc | aggtggcccc | catcctctct | atgttcttcc | tgatgtgcta | 1260 |
| catgtttgtg | aatctggcct | gtgcagtgca | gacgctgctg | aggacaccca | actggaggcc | 1320 |
| acgctttcga | tattaccact | ggaccctctc | cttctggggc | atgagcctct | gcctggccct | 1380 |
| catgttcate | tgctcctggg | attatgcact | ggtagccatg | ctcattgctg | gactcatcta | 1440 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| caagtacatt | gagtaccgtg | gggcaaagaa | ggagtggggc | gatgggatac | gaggtctgtc | 1500 |
| tctcagtgcg | gctcgctatg | ccctcttacg | cctggaggaa | gggccccac | acaccaagaa | 1560 |
| ctggaggcca | cagctgctgg | tgctggtgcg | tgtggaccaa | gaccagaatg | tggcgcaccc | 1620 |
| ccagctgctc | tactgacct | cccagctgaa | ggcagggaag | ggcctgacca | tctggtggctc | 1680 |
| tgtccttgag | ggcacctttc | tggaaaatca | tccacaggcc | cagcgggcag | aagagtctat | 1740 |
| caggcgctg | atggaggcag | agaagggtgaa | gggcttctgc | caggtggtga | tctcctccaa | 1800 |
| cttgctgat | ggcgtgtccc | atctgatcca | gtctgggggc | ctcggggggc | tgcagcacia | 1860 |
| cactgtgctt | gttggctggc | cccgcaactg | gcgccagaag | gaagatcatc | agacgtggag | 1920 |
| gaacttcatt | gagctggtcc | gggaaaccac | agctggccac | ttagccctgc | tggtcaccaa | 1980 |
| gaacgtttcc | atgtttcctg | ggaaccctga | gcgcttctct | gaaggcagca | tcgaccgttg | 2040 |
| ggggattggg | cacgatggag | gcatgctcat | gctggtgccc | ttcctgctgc | ggcaccacaa | 2100 |
| ggtctggcgg | aagtgcaaga | tgcgtatctt | cactgtggcc | cagatggttg | acatgcatgc | 2160 |
| catgag | | | | | | 2166 |

<210> 2112

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(115)

<223> similar to gi4755083 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2112

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttcgtaatg | gctgctgaca | tttctgaatc | cagcggggct | gactgcttag | gagacccaag | 60 |
| gaacagtgcc | aagttagatg | ccgattaccc | acttcgagtc | ctttattgtg | gaggcaagtg | 120 |
| ttggtagcca | cagaatgact | tttactcact | atacttttat | gcattgtaat | aacagtttga | 180 |
| catttggttaa | gctttcttcc | ccatcctttt | catttggtga | gtttgtactg | ggggagagga | 240 |
| gtcctgggga | ggaggaggca | tgaattaaca | gagtttcccc | acctgggtga | tttgtgtctg | 300 |
| gctaactctgc | ctgaagaagc | ttacagtcca | tttgtaacag | gatgtgcaac | taggttattt | 360 |
| cagcctgaag | gtcctcaagg | tgtatgctag | tctagctgtc | aaaggagggc | ttcttggaag | 420 |
| attatgagtt | a | | | | | 431 |

<210> 2113

<211> 1992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(1380)

<223> similar to gi9916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2113
aaatatactt acttagaact tcccttcacg gagaaagaga acaagcgcaa caacttcacg      60
aacttcttgc attgaaagaa caggaacaca ggaaggaact tgaaacaagg gagtttttta      120
ctgatgctga cttccaggat gccttagcta aagaaatagc caaagaagag aaaaagcatg      180
agcaaatgat aaaagaatac caagagaaaa ttgacgtgtt aagccagcag tatatggatt      240
tagaaaatga attccgtatt gctttaactg ttgaagccag aagatttcaa gatgttaaag      300
atggttttga aaatgttgca actgagttag caaagagcaa acatgctctt atttgggctc      360
aacgaaaaga aaatgagtct tcctctttaa ttaaagatct gacctgtatg gtaaaggaac      420
aaaaaaciaa actggcagaa gtttctaaat tgaaacaaga aacagcagca aatttacaga      480
atcaaatcaa cacccttgaa attttaattg aagatgacaa gcagaagagt attcaaatag      540
aacttctcaa gcacgaaaaa gtccagctta tttctgagct agcagccaag gaatcactaa      600
tatttggttt aaggacagaa agaaaagtat ggggacatga gctggcacia caaggatctt      660
ctctagccca aaatcgtgga aaattggagg ctcaaattga gagtttatct agagagaatg      720
aatgtctgcg aaagacaaat gaaagtgata gtgatgcatt aagaataaag tgcaaaatca      780
tagacgacca aactgaaact attagaaaat taaaagattg ttacaagaa aaagatgaac      840
acatcaaaag attacaagaa aagatcacag aaatagaaaa atgcactcaa gaacaacttg      900
atgaaaaatc ttcacaactg gatgaggtac ttgagaagtt ggaaaggcac aatgaaagaa      960
aagaaaaact aaaacaacag ttgaaaggaa aggaagtaga acttgaagaa atcagaaaag     1020
cttacagtac actgaatcgg aagtggcatg ataaaggaga acttctatgt catcttgaaa     1080
cacaagtaaa agaagtgaag gaaaaatttg aaaacaagga aaagaaactt aaagcggaaa     1140
gagacaaaag tattgaacta caaaagaatg caatggaaaa acttcatagt atggatgatg     1200
cctttaaaag acaagttgat gcaattgttg aagctcatca agctgaaata gcacagctgg     1260
ccaatgaaaa gcagaagtgt attgattctg caaattttaa ggtccatcaa attgaaaaag     1320
aaatgcgtga acttttgga gaaacatgca agaacataaa aacaatggaa gcaaaaatta     1380
agcaaacttg ttttgcttta aatgaaattc agcaagatat gtgatggttc tgagaatgaa     1440
tttaattgaa atagaccagc agacctattg taaaaatgat taaatattgt aatagtagta     1500
actgctatga ctttgaaatg tctctttcta tacatttcat tatgaatata tttttaaaga     1560
cttttgatca agtattaatt gtataggttt tttataataa attgttgaca attttgtcta     1620
ttagaaaaaa ctatcataac tagacttaca atatttttct tgtttctgta ctatacgttg     1680
tttggttaatt acacatttgc ctacaaattt gtgaatgaaa agattagtat tttcaccata     1740
tgaggtaaaa catttttaac attgttatct tattgtgatg atgaagaact aattatattt     1800
gttattttaat tgatgtagct caattctttt aaagtactta tgtagccaaa aagcatttga     1860
aatctgtatg ataaaagatg tggcattctt aagaaagtat atgtagccat ctccacatca     1920
ctcattatga ccccttcttt tataatgctt atatcttttc attaaagatt acatttaagg     1980
ttttataaaa aa

```

```

<210> 2114
<211> 1013
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1014)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (709)...(900)
<223> similar to gi4079809 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 2114
tgggcggggt ccctcagggg gccagcctc caagcctcag cctccattca gggagtagtg      60
gagtcctgga gccaggcgga gcagaggtgg gccactggt gctagaatcc agtgggtgtaa    120
acctagtga aaactcattt tgttaatgca gatgcattaa acttggattg gaaactgtct     180
ctactaaaat tacaaaaaga gtattttaagt ggtgcagatt aaatataagc aagatttgtg    240
agatatttaa aacacgaaat taaaaatata atagatgcac tgttgcaa at tactatttga    300
attatagatc attttcctat tgccatagaaa caatacatag ctaaaattcc ctaactactt    360
ttacgacaca tatTTtagaag gttttaaaaa tgtctgtagt cccagctatt cggcagggca    420
aggcaggaga atcacttgag cccaggagtt ttagaccagc ctgggcaaca tagtgagggc    480
ccatctctaa aaaaaacaaa aaaaaagaaa acttcggaaa tgtttcttga actaacttaa    540
aagccgcctt gcactttctca ctttgaatta gtttgaatta atttacaac tgcaatatat    600
tttaaaggag cttattgtag aaaataagtt gataaaaaaa taaggatata tctttaggga    660
tttgccttta gggacttgtt accaagcatg tctattttcc ctccctgcagc ttctccaaac    720
aggctgggtg acagggagca acaccggagc tgggtgcacgc tgggggtttgt gcagagcatc    780
gctctcacgc tgcaggtgtg cggcgccctc agctccctgc agtggatcac gctgctcatg    840
aaggtcgtgg aagggcacgc acccttcact gccacctcgc tgcagaggca ggtaatgtgc    900
tgccaggcaa aaccagttcc ctgagagagg cctccatgta ctgaagttcc ctgccctcag    960
agtcaggggc ctttattcan taacgagtgc agaaagggtc tagaagtgc agg           1013
```

```
<210> 2115
<211> 389
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(390)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (121)...(207)
<223> similar to gi3882195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2115
atagaggttg tcagtgatta gactaagatg aattgtcatt cattgataaa taatacagaa    60
ctatcagtct ttcctaggag tatggggagt tttgnnnnnn nnnnnaaagt ctcttttttg    120
caggtatata aaaggaaaac tgaggctgcc aaaaaagagt atctgaaggc actggctgct    180
tacaaaaaca accaggagtg tcaggtaaga gggataggat agaatagaata tttaaaccag    240
taagaagttt ttgggaagtg tttgttagca gttttaaaaa gtaaatacca ccaagggtatt    300
gattaattga tagattgatt tatgtcttct tttaggccac tgtggaaaca ggggaattgg    360
atccagcacc accatcacia actccttct                                     389
```

<210> 2116
 <211> 1979
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(1796)
 <223> similar to gi454154 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2116
 gcgggcgcct cgtgaccacc tccaatgcc a tccctcctgc tgtggttagca actgtctcag 60
 ccaccagagc tcagtctcca gtcactacta cgacagcggc gcatgctact gattcagcac 120
 ttagtaggcc aacctgtgtc atccagcacc ctccatctgc agcaatcagt attcagcgtc 180
 ctgcccagtc acgagatgtc acaacaagaa tcacactacc atctcaccct gcattagggg 240
 cgccaaaaca gcagcttcat acaatggctc agaaaacaat cttcagtact ggcacgccag 300
 tggctgcagc cacagtagca cctatttttg caaccaacac cattccttca ggcaccacag 360
 ctggatctgt gtcacacacg caagctccca caagtaccat tgttaccatg acagtaccct 420
 cccattcctc ccattgctact gctgtgacca cctcaaaccat cccagtcgcc aaggtgggtg 480
 cccagcagat cagcacact tctcctcgga tccagccaga ctaccctgcc gagaggagta 540
 gcttgattcc catctccgga catcgggcct ctcccaatcc tgtggccatg gaaaccggaa 600
 gtgacaacag accgtctgtt cccgttcagt tccaatattt tttgccaaact taccctccct 660
 ctgcataccc actggcggca catacctaca ccccaatcac cagttccgtg tccactatcc 720
 gagagtatcc agtttcagct caggctccaa actctgccat cacagctcag actgggtgtg 780
 gggtagcgtc taccgtccac ctaaacccca tgcagttgat gacagtggat gcatcgcatg 840
 ctgcacatat tcaagggatc cagccagcac ccattcagtag ccagggtatc cagccggccc 900
 ccattgggac cccaggggata cagcctgcac cacttggcac acagggaatt cactcagcaa 960
 ccccaatcaa cacacaaggg cttcagcctg cacctatggg tactcagcag cctcagcctg 1020
 aaggaaagac ttcagcagtg gtgttggcag atggagccac aattgtggcc aaccctatta 1080
 gcaatccatt cagtgtgtct ccagcagcaa caaccgtggg gcagaccac agccagagtg 1140
 ctagcaccaa cgtccccgcc cagggctcat cgccacggcc aagcatactc cggaagaaac 1200
 ctgccacaga tggaatggca gttcggaaaa ccctcattcc tctcagcct cctgatgttg 1260
 ctagtcctcg agtggaaagc tctatgcgga gtacgtctgg gtcacctagg cctgcagggtg 1320
 ccaaacccaa gtctgaaatc cagctgtcta tggccactcc ggtcactgtg tccatggaga 1380
 ctgtatccaa tcaaaataat gatcagccta ccattgccgt cctccaact gccagcagc 1440
 cccaccgac cattccaact atgattgcag cagccagtc cccgtcaca ccagccgttg 1500
 ccccttcaac cattcctgga gcgggtccca tcaactccac catcaccacc attgcagctg 1560
 caccacctcc atcagtcact gtgggtggca gtcttctctc cgtcttgggc cctcccgttc 1620
 ctgaaattaa agtgaaagaa gaagtagaac caatggatat catgaggcca gtttctgcag 1680
 tctctccact ggctaccaac actgtgtctc catctcttgc attgctggca aacaacttgt 1740
 ccattgcctac aagtgacctt ccacctgggt cctccccaag gaaaaagcct cgaaagcaac 1800
 agcatgtgat ctcaacagaa gaaggtgaca tgatggagac aaacagcact gatgatgaga 1860
 agtccactgc caagagtctt ctgggtgaagg ctgagaagcg caagtctcct cccaaggagt 1920
 atattgatga ggaagggtgt agatatgtcc cagtgcgtcc aagaccccc attactttg 1979

<210> 2117

<211> 650
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(205)
 <223> similar to gi2588974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2117
aaggggacaa gtcaagaccg tgggcgagcc catcttaatg gaacttgaat atcacgccat   60
ggatgccctc gacctcccgg gatgtttccg aacaaggagt cacagctacc ttcgagccat   120
tcaagccggc tactcccaag atgacgaatg tattcccatg atgacaccct ctgacatcac   180
ctccaccatc aggtcaacag caggtaaggg gacgcccggt ttcagccttt ccagcgggga   240
ctctagaggc atacctgtct tcttcctaga aggagcgagc agcacacagc agcacagtac   300
aatgtactct cctgacattt agtaacgttt cctaattgct tgtgttacac tgtcacattc   360
gcaaggggtg tttgtctcgg gtagatacac ctttcttttt cttagaatga aatctactca   420
ttagcaaggt tccttaaaat aatcaagtg aacttgtgta aagttttaga gaggagaaaa   480
aatggaagtg ctgacatttg gaaggtgatt aagttttaaa taccaaagtt taatggattg   540
cagtgaagat tctgctgatg cgcagtgtct ctcgcaaggc ccttaagttg ggtcccgcga   600
gtgttttgcc agttaagccg ttgtacgggt acggacattg aattcgtaat   650
  
```

<210> 2118
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (31)...(120)
 <223> similar to gi5762305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2118
ttctatctga ggctactgtc ttttttctgc tttcaggagc atgagaagag gtgttgaggc   60
gttgacttta atttgatgga tcttaaactc ttggcttcag gttctgatga tgcaaaaggt   120
actgtttgaa tctctttctc agcacctcct tctccctggc cctcttaact gtaattcctt   180
tcatcggcag aaatacaaat atttactcaa actcatgtca gtcctttgtg attactgatt   240
attattattc cccannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nn                               392
  
```

```

<210> 2119
<211> 972
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (423)...(693)
<223> similar to gi2224703 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2119
ggttttgcct taggttgaag ctttctaacg aggagatccg gcaggccatc ttgaagatgg      60
atgagcagga ggaccttgct aaggacatgc tggagcaggt gaggaccctc gtgggaagga      120
aggggaactg aaccacgcgc gcagccacgc cccttcccaa cagccccccag gaggctgcga      180
ttcttgggtc aaggagaaat caggctggaa gagttagggg gaagggttat agaagcctcc      240
ctgggccggc ctttcttggg gaaagctgga aaaggctaag tgttctccag gagtcattct      300
cccatctgac tccaaggcaa agtcagatga ggaaaagtga catcttcccc aaatctcttc      360
cctctcagtt ttttggatcc tttgggaaac cagttgcttg tgtgacttgc gcctgctctt      420
tgcagctcct caagttcatc ccagagaaga gtgacattga cctccttgtc tacaggattg      480
accactacca gcagcgactg caagccctct tcttcaagaa gaaattccag gagcggctgg      540
ctgaggcaaa gcccaaagtg gaaggtaggg ctgagggttg caggaggctt agagtggaga      600
gttatctgat catgatcctg gagaagcatt ttcctgatat tctaaacatg ccttcagagc      660
tgcaacatct tcagaagcc gccaaagtca agtgagggtt ctctccaaga cttccttctc      720
cccatgatga ccctcattct tgtcttactt tcctcttttg gggctctactc tgggcttgat      780
gatggctggt gtgagacctc ggttcttgtc ttctgagttc aaaagaattt aaacagacac      840
acagcaaagg gggtttagca tagaacaatg tattgcaaaa gaagatatct tgtgagttag      900
gtgcagaata gacagtacac cctgagagag agaggattca ggggtgggctg cttgtaagga      960
attacaccgc ac                                          972

```

```

<210> 2120
<211> 683
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(194)
<223> similar to gill196814 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2120

```

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gcggtggaat | tcccctaggc | actgactacg | tgcacaagtt | tgtgggcaaa | gagccaagtg | 60 |
| gcctgcgcta | caacaagctc | tccctcaatg | aggaaggaat | cccccataac | cccatgggtca | 120 |
| atgctgggtgc | cattgttgtc | agctccctga | tcaagatgga | ctgtaacaaa | gcagagaagt | 180 |
| ttgattttgt | aagttccctt | gctacttagc | ccctggctgc | atttcgccat | ggcatgctgt | 240 |
| cctctccagc | tgccccagtg | gctctctaac | cccactacca | ggtgcaccag | cccatactag | 300 |
| aagccttatt | tccagaaatg | tggaaatctg | ctggcctcaa | gagaggaaag | cctcttgaca | 360 |
| agacctgagt | tcagaagggc | tagtcaacct | gtgaggattt | aatagagctt | cttaaccaag | 420 |
| tggagcctca | atgtcccttt | ttctcttcca | ggtgttgag | tatctcaaca | aaatggctgg | 480 |
| gaatgaatac | atgggtttca | gcaatgccac | gtaagtccct | actcagagga | ctgactgaaa | 540 |
| gcattgtggt | gtatgtgtgt | gtacttagga | tggggacaag | aggaatgggg | gagagagaat | 600 |
| cttaggagga | agaaatccca | ggggaacttt | ggccctccag | cttcctctga | gtcccttcat | 660 |
| aaacatttgt | ttatcttgta | aaa | | | | 683 |

<210> 2121

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(562)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (151)...(292)

<223> similar to gil698455 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2121

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ccgcccacgc | gtccgcccac | gcgtccgccc | aaaccaacaa | aacccttcac | ctaaaacccg | 60 |
| aagctaccca | gacctagaa | ttttggatgt | ctattaagtt | ggcggtcccc | agcagnnnnn | 120 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnat | cctgaagcat | ttcatcaaag | aattgtaaca | 180 |
| ggagatgaaa | catggcttca | ccagtatgat | cctgaagaaa | aagcacaatc | aaagcagtgg | 240 |
| ctatcaagag | gaggaagtca | aagcaaagca | gaccagtcaa | gagcaaaggt | tggagtggct | 300 |
| ctggtgacaa | ctcactctgt | tctcatggtc | acaaatccct | gctcactgct | gccactgctg | 360 |
| ctgccaccac | agaccaagag | ctccacttgc | acagtgtctg | tggctaagaa | gaagttgctg | 420 |
| tacctgagca | ctggaccaca | tggactcaca | gagactccca | accaggtaaa | ggggtgatat | 480 |
| ggcttgtgga | tgtcaaccat | attctcttct | tgatcacctc | gctgctggaa | caatgggcca | 540 |
| tggtcagagt | agagtgggtca | t | | | | 561 |

<210> 2122

<211> 471

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(405)
 <223> similar to gi182074 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2122
 cagctgcagg ctttgtggtc tttcagggaa ataagagaat ccatttgata aaatggccag 60
 atgtctgcaa attgaagttt gaaggggaaga cattttatgt gattggcacc cagaaggaga 120
 aaaaagccat gttggcattc catacttcaa caccagctgc ctgcaaacat ctttgggaagt 180
 gtggagtgga aaaccaggcc ttttataagt atgcaaaatc cagtcagatc aagactgtat 240
 caagcagcaa gatatttttt aaaggaagta gatttcgata tagtgggaaa gttgccaaag 300
 aggtggtgga ggccagttcc aagatccaga gggagcctcc tgaggtgcac agagccaaca 360
 ttactcagag ccgcagttcc cactcctttg aacaaacagc tcatcattaa catggaaccc 420
 ctgcagcccc tgctttcttc cccagcgag caagaagaag aaacttctct g 471

<210> 2123
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(605)
 <223> similar to gi2384711 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2123
 gggtagacacc gccatgattt ccacaagcac ctctgaaggg tgtgaagcag tcatgattgg 60
 tgctgtcctc caggatgaag atcggtcac catcacaaga gtagaagact tgagcgatgc 120
 tgccatcatc tccaccagca cagcagaatg tatgccaatt tccgccagca ttgacagaca 180
 tgaagagaat cagctgactg cagacaaccc agaagggaaac ggtgacctgt cagccacaga 240
 agtgagcaag cacaaggtcc ccatgccag cctaattgct gagaataact gtcggtgtcc 300
 tggggcagtc aggggaggca aagaaccggg tcccgtgttg gcagtgcagca ccgaggaggg 360
 gcacaacggg ccatcagtc acaagccctc tgcagggcaa ggccatccaa gtgctgtttg 420
 tgcggaaaaa gaagagaagc atggcaagga gtgccccgaa ataggacatc ttgcaggaag 480
 aggacagaaa gagagcactt tacacctcat aaatgcagaa gagaagaatg tattgttgaa 540
 ctcccttcag aaagaagata agagcccaga gacagggaca gcagggggca gtatcacagc 600
 aagttattca gcagg 615

<210> 2124
 <211> 444
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(447)

<223> similar to gil736499 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2124

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| aacagaacga | aattcggttcg | ctcttacctg | aagccagtga | gccgattgat | caagctgcac | 60 |
| aagaagatga | agccattccc | caggacgaac | tggatgacaa | aatcgccggt | gaagcgggcg | 120 |
| tgcatgaata | tggtgtttcc | actggcgata | cgctaagcag | cattctcaat | cagtatggta | 180 |
| ttgatatggg | tgatatcacc | caactggctg | cggccgacaa | agaattgcgt | aacctgaaaa | 240 |
| tcgggtcaaca | actctcctcg | acattaaccg | cggacggcga | actgcagcgc | ctcacctggg | 300 |
| aagtgtctcg | tcgtgaaacc | cgaacctatg | accgtactgc | cgctaacggt | tttaaaatga | 360 |
| ccagcgaaat | gcagcaagga | gagtgggtta | acaatctgct | gaaaggtacc | gtcgggggaa | 420 |
| gctttgttgc | cagcgccaga | aacg | | | | 444 |

<210> 2125

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (295)...(399)

<223> similar to gil736450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2125

| | | | | | | |
|------------|-------------|------------|------------|-------------|-------------|-----|
| gcgaggaatt | ccaagcccag | agctgctctg | cgcaagcgcg | accgaccgag | cagctccgag | 60 |
| gagtcgccc | ggaagacaaac | attccccagg | gcaatgtcac | gacttgggtct | tcccaggagg | 120 |
| ccagtcagaa | acagtttgct | agatgatgct | aaggcccgct | taagaaagta | tgatattgga | 180 |
| ggcaaatatt | ctcacttgcc | atataacaaa | tactccgtcc | ttttgccatt | ggtgggctaaa | 240 |
| gaaggaaaac | tccatttggt | gttcaccgtc | cggtcagaga | agacagatac | attgataact | 300 |
| ccatttggtg | gtttaataga | ccacaacttc | caggcccagc | cgaatcctgc | tgaagttaag | 360 |
| gatgtattcc | tggtgcctct | ggcctatttc | ctgcatccac | aggtccatga | ccagcattac | 420 |
| gtcacacgtc | ttggtcaccg | ttttattaat | catactcttg | agtacacaaa | ccctgaagac | 480 |
| ggtgtcactt | accagatcaa | gggaatgacg | gcaaaccctg | c | | 521 |

<210> 2126

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(997)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (120)...(900)

<223> similar to gi5596695 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2126

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggggccnaat | cgagatcgta | ggcagtgcgg | nggaactcca | aaccgcccac | ccagccaggg | 60 |
| gcgaagggac | agcagctcat | cctcctgcct | ccctgccctg | cagggtcctg | agaatggaag | 120 |
| agtttttccc | agagacctac | cgcttgacc | tcaaacacga | gagagaggcc | tttttcacct | 180 |
| tgtttgatga | aacccagata | tggatctgca | agcccacagc | ctccaaccag | ggcaaaggca | 240 |
| tcttctgct | ccggaaccag | gaggaagttg | ccgccctgca | ggccaagacc | cggagcatgg | 300 |
| aggacgaccc | catccaccac | aagacgccgt | tccggggggc | tcaggcgcg | gtggtgcaga | 360 |
| ggtacatcca | gaaccgcgtg | ctggtggacg | ggagaaagtt | tgacgtgcgc | tcctacctgc | 420 |
| tcattgcctg | caccacaccc | tacatgatct | tctttggcca | cggctatgct | cgcctcacc | 480 |
| ttagccttta | cgaccccat | tccagcgacc | tccggcgcca | cttgaccaac | cagttcatgc | 540 |
| agaagaagag | ccctctgtac | atgctgctga | aggagcacac | ggtgtggagc | atggaacacc | 600 |
| tcaaccgcta | catcagtgc | acgttctgga | aggcccggg | cctcgccaag | gactgggtct | 660 |
| tcaccacct | caagaagcgg | atgcagcaga | tcattggcca | ctgctttctg | gccgccaagc | 720 |
| ccaagctgga | ctgcaagctg | ggttactttg | acctcattgg | ctgtgacttc | ctgattgatg | 780 |
| acaacttcaa | ggtatggctg | ctggagatga | attctaacc | agccctgcac | accaactgcg | 840 |
| aggtcctgaa | ggaggtcatc | ccaggtgtgg | tcacgcagac | cctggacctg | gtgctcgaga | 900 |
| ccttcgggaa | gagcctgcgc | ggccagaaga | tggtgcctct | gctgtcccag | cgccgcttcg | 960 |
| tgctcctgca | caacggtgag | gccgaccgcg | ggccgc | | | 996 |

<210> 2127

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5)...(660)

<223> similar to gi3986194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2127
ggatcagagt atggaggaga atcaggactt aaagaaggaa ctgctgaaat gtaaacaaga      60
agccagaaac ttacagggga taaaggatgc cttgcagcag agattgactc agcaggacac      120
atctgttctt cagctcaaac aagagctact gagggcaaat atggacaaag atgagctgca      180
caaccagaat gtggatctgc agaggaagct agatgagagg aaccggctct tgggagaata      240
taaaaaagag ctggggcaga aggatcgctt tcttcagcag caccaggcca agttagaaga      300
agcactccgg aaactctctg atgtcagtta ccaccagggtg gatctagagc gagagctaga      360
acacaaagat gtcctcttgg ctcaactgtat gaaaagagag gcagatgagg cgaccaacta      420
caacagtcac aactctcaaa gcaatggttt tctccttcca acggcaggaa aaggagctac      480
ttcagtcagc aacagagggg ccagcgacct gcagcttggt cgagatgctc tccgcagcct      540
gcgcaacagc ttcagtggcc acgatcctca gcaccacact attgacagct tggagcaggg      600
catttctagc ctcattggagc gcctgcatgt tatggagacg canaagaaaa aaaaaaaaag      660

```

```

<210> 2128
<211> 1839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1840)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (814)...(1489)
<223> similar to gi4850180 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2128
ggaatttctg tgctcatggc ctgcatgacg ctgctgccca cctgggtggg aggcgctccc      60
ccaggccctc ccggccccga catctcctcg ccctgcggtt cctataacct ccactcccag      120
ggcctgggtc cctttgccac ccagctcttc aacttgctct cgggtgaggg ttacctggaa      180
tggtcccttc tcttctatgg cttctacctg ccccgcccac gcctggcggg cacctacctg      240
tgctgggcct ttgccgttgg cctcatctgc ctctgctca tctgcatcg ctcggtgtct      300
gggctgaagc agacactgct ggcgaggtcc gaggtctctg ccagctacag ccaccgggtg      360
ttctcggcct gggacttcgg tctctgcggg gacgtccacg tgcggtcgcg ccagcgcatc      420
atcttgtagc aattaaagggt ggagctggag gagacagtgg tgcgggcgca ggctgcgggtg      480
cggacgctgg gccagcaagc cagggttttg ttggtgcggg tgctgctcaa cctgctgggtg      540
gtcgcgctcc tgggggcagc cttctatggc gtctactggg ctacgggggt caccgtggag      600
ctgcaggaga tgcccttgt ccaggagttg ccactgctga agcttggggg gaattacctt      660
ccgtccatct tcatcgctgg ggtcaatttt gtgctgcgcg ccgtgttcaa gctcattgct      720
ccactggagg gctacactcg gagtgcgacg atcgttttta tctgctcag gaccgtgttt      780
cttcgcctcg cctccctggg ggtcctgctc ttctctctct ggaatcagat cacttggtgg      840
ggcgactccg aggtctagga ctgcaaaacc ngtgggtaca attacaaaca acttccgtgc      900
tgggagactg tcttgggcca ggaaatgtac aaacttctgc tctttgatct gctgactgtc      960
ttggcagtcg cgctgctcat ccagtttctt agaaagctcc tctgtggcct ctgtcctggg      1020
gcgctgggtc gtctggcggg gacccaagag ttccaggtgc ccgacgaggt gctggggctc      1080
atctacgcgc agacggtggg ctgggtgggg agttttttct gccctttact gccctgctt      1140

```

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|------|
| aacacgggtca | agttcctgct | gctttttctac | ctgaagaagc | ttaccctctt | ctccacctgc | 1200 |
| tccccggctg | cccgcacctt | ccgggcctcc | gcggcgaatt | tctttttccc | cttggtcctt | 1260 |
| ctcctgggtc | tggccatctc | cagcggtccc | ctgctttaca | gcattcttct | gatcccgctt | 1320 |
| tctaagcttt | gtggtccatt | ccgggggcag | tcgtccatct | gggccagat | ccctgagtct | 1380 |
| atttccagcc | tccttgagac | caccagaat | ttcctcttct | tcctggggac | ccaggctttt | 1440 |
| gctgtgcccc | ttctgctgat | ctccagcatc | ctgatggcgt | acactgtggg | ctctggctaa | 1500 |
| ctcctacgga | cgcctcatct | ctgagctcaa | acgtcagaga | cagaacggaa | ggcgcaggaa | 1560 |
| taaagtcttc | cgtggcacgg | cgcgctgtgg | cgctgacctc | caccaaaccg | gctctttgac | 1620 |
| ccccgcagcc | cacgtcccgc | tttcagaccc | caggccccat | tgtaagccta | ggtcacaaca | 1680 |
| atctgtaaac | taggagaact | ggagaagact | ccacgccctt | ccagctttgg | tatctggaga | 1740 |
| tttccagggc | ccctcgccgc | cacgtccctg | actctcggtg | gatcttcctt | gtatcaataa | 1800 |
| atacagccga | ggttgctgag | cgcgctttga | aaaaaaaaa | | | 1839 |

<210> 2129

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(273)

<223> similar to gi4589506 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2129

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| aatcgagatc | catagtcagt | gcggtggaat | tcctcacagg | aaattaggaa | tggctggcca | 60 |
| gaagttgggc | tcctccgctc | tcctgtgcta | catccgccct | gacactgccg | atccagcaag | 120 |
| tagcttttagc | ttgactgtag | ccaatgttgg | cacgtgccaa | gcagtctctg | gccgaggtgg | 180 |
| gaagccagtg | cccctctcta | aagtcttcag | cctggagcag | gacccagagg | aggctcaaag | 240 |
| ggtgaaggac | caaaaagcca | tcatacacaga | ggttcgggaa | gatctcaaag | agttccagac | 300 |
| cacagatatt | ccggtgcata | actgtaactt | cccggctgtt | ctcggctgcc | tttgtagcgc | 360 |
| ttctgttctc | ggtagctacg | cagggccagc | accacgctgg | cgccgtacat | gatcacgaga | 420 |
| agacaagcaa | aggtggctgc | tgctccgtcg | gtgectgcca | gctggg | | 466 |

<210> 2130

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(134)

<223> similar to gi3005558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2130

```
nttgatggcc cgccggcgga tgccctcgctc caactcccag gagaacgtgg aagcgtcccn    60
cccatcccag gatgggaaaa ggcagtacaa gatgatctgc cacgtcttcg agtctgagga    120
tgtaagggtt gcttcctttg atctcctttt gggttagggt ctcttgactt ctcagaacct    180
gattcagtct aattcatcac acatgatgca tgtatttatt gtgcacgtac tgtgtgtcag    240
gcactgttcc agcactagag atataaggct gagtaaaaca gacagggtag tcatcgcaag    300
ggctgaaagg aggcagaaaa tcaataggta aatatactta atgtaaaatt gggtagtggg    360
gagtgtcca cagacaaata aaacagggtc aggggatgga gggacagggg ctatggaatt    420
ccaccacacg gactagggat catcgatctc aatnnnnntc cccca                      465
```

<210> 2131

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (294)...(401)

<223> similar to gil665767 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2131

```
acttctgcag ggccatcggg cctcaggtgt gcagaagatg tggcctctct ggcctcttct    60
gcgccagga ccctggcttc cccttggtgg ctgcccagt tttctgactc tccaagcacc    120
actctgtagt ttaggtttgt ctaaagctca gttttggtgg caactgcact gtgccgcctc    180
cgcatgtttt ctgtcgagtc tgtctgtgca gtgcttctgg ctcacaagga gcctgagaag    240
tatctcctga attctcctcc ctggaatcac ccgcttgcta ttttcttctg caggatgtct    300
atgcctacac acaagttgga gttccagact gtagaatatt caccgtgaac cccaaggggtg    360
aattaataca agaaagaacc aaaggaaaca agtcacgta agtacattct cagctctcag    420
cccggcgccc gaattccacc gcactgggct aa                                452
```

<210> 2132

<211> 1641

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1641)

<223> similar to gi3242705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2132
gcgccgctg ctactgacc tctaccaggc caccatggcg ttgggtatt ggcgcgcggg 60
ccgggcgcgg gacgccgccg agttcgagct cttcttccgc cgctgcccgt tcggcggcgc 120
cttcgccttg gccgccggct tgcgcgactg tgtgcgcttc ctgcgcgcct tccgcctgcg 180
ggacgccgac gtgcagttcc tggcctcggg gctgccccca gacacggatc ctgcgttctt 240
cgagcacctt cgggccctcg actgctccga ggtgacggtg cgagccctgc ccgagggtc 300
cctcgccttc cccggagtgc cgctcctgca ggtgtccggg ccgctcctgg tgggtgcagct 360
gctggagaca ccgctgctct gcctggtcag ctacgccagc ctggtggcca ccaacgcagc 420
gcggcttcgc ttgatcgagc ggccagagaa gcggctgcta gagatggggc tgaggcgggc 480
tcaggggccc gatggggggc tgacagcctc cacctacagc tacctggggc gcttcgacag 540
cagcagcaac gtgctagcgg gccagctgcg aggtgtgccg gcggccggga ccctggccca 600
ctccttcgct acttctttt caggcagcga ggtgccccct gacccgatgt tggcgccagc 660
agctggtgag ggccctgggg tggacctggc ggccaaagcc caggtgtggc tggagcaggt 720
gtgtgcccac ctggggctgg ggggtgcagga gccgcatcca ggcgagcggg cagcctttgt 780
ggcctatgcc ttggcttttc cccgggcctt ccagggcctc ctggacacct acagcgtgtg 840
gaggagtggc tcccccaact tcctagcagt cgccctggcc ctgggagagc tgggctaccg 900
ggcagtgggc gtgaggctgg acagtgggtga cctgctacag caggctcagg agatccgcaa 960
ggtcttccga gctgctgcag cccagttcca ggtgccctgg ctggagtcag tcctcatcgt 1020
agtcagcaac aacattgacg aggaggcgct ggcccagctg gccccaggag gcagtgaggt 1080
gaatgtcatt ggcattggca ccagtgtggt cacctgcccc caacagcctt ccctgggtgg 1140
cgtctataag ctggtggccg tggggggcca gccacgaatg aagctgaccg aggacccgca 1200
gaagcagacg ttgctggga gcaaggctgc tttccggctc ctgggctctg acgggtctcc 1260
actcatggac atgctgcagt tagcagaaga gccagtgcc caggctggc aggagctgag 1320
ggtgtggcct ccaggggccc aggagccctg caccgtgagg ccagcccagg tggagccact 1380
actgcgctc tgcctccagc agggacagct gtgtgagccg ctcccatccc tggcagagtc 1440
tagagccttg gccagctgt ccctgagccg actcagccct gagcacaggc ggctgaggag 1500
ccctgcacag taccaggtgg tgctgtccga gaggtgcag gccctgggtga acagtctgtg 1560
tgccgggagc tccccctgag actcggagcg gggctgactg gaaacaacac gaatcactca 1620
cttttcccca caaaaaaaaa a 1641

```

<210> 2133
<211> 1279
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(1143)
<223> similar to gi1657835 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2133
aatagtgcac cgttgtggaa ttccactgaa agaagctgag agcctacaag ttgcagtga 60
ggcttcacag atgggcgcgg tgagtcaatc atgtgaggac agttgtggag actctgtctt 120

```

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|------|
| ggcggacaca | ctcagttctc | atgatgtacc | aggatcaccg | actgcctcat | tagtcacagg | 180 |
| agggagagaa | ggaagaggct | gttcggatgt | ggatcccggg | atccaggggtg | tggttaaccga | 240 |
| cttggccgtc | tctgatgcag | gggagaaggt | ggaatgtaga | aattttccag | gttcttcaca | 300 |
| atcagagatt | atacaagcca | tacagaatth | aaccctgtctc | ttatacagcc | ttcaggccgc | 360 |
| cttgaccatt | caggacagcc | acattgagat | ccacaggctg | gttctccagc | agcaggaggg | 420 |
| cctgtctctc | ggccactcta | tcctccgagg | cggccccttg | caggaccaga | agtctcgcga | 480 |
| cgcgacagc | cagcatgagg | agctggccaa | tgtgcaccag | cttcagcacc | agctccagca | 540 |
| ggagcagcgg | cgctggctgc | gcaggtgtga | gcagcagcag | cgggcgcagg | cgaccaggga | 600 |
| gagctggctg | caggagcggg | agcgggagtg | ccagtcgcag | gaggagctgc | tgctgcggag | 660 |
| ccggggcgag | ctggacctcc | agctccagga | gtaccagcac | agcctggagc | ggctgaggga | 720 |
| gggccagcgc | ctggtggaga | gggagcaggc | gaggatgcgg | gcccagcaga | gcctgctggg | 780 |
| ccactggaag | cacggccggc | agaggagcct | gcccgcgggtg | ctccttccgg | gtggccccga | 840 |
| ggtaattgaa | cttaatcgat | ctgagagttt | atgtcatgaa | aactcattct | tcatcaatga | 900 |
| agcttttagta | caaatgtcat | ttaacacttt | caacaaactg | aatccatcag | ttatccatca | 960 |
| ggatgccact | taccctacaa | ctcaatctca | ttctgacttg | gtgaggacta | gtgaacatca | 1020 |
| agtagacctc | aaggtggacc | cttctcagcc | ttcgaatgtc | agtcacaaac | tgtggacagc | 1080 |
| cgctggttcc | ggccatcaga | tacttctctt | ccatgaaagc | agcaaggact | cttgtaaaaa | 1140 |
| tggttaattaa | cactttaaac | atcatctgta | tagtttgaac | aagaagttgt | ccctctgaat | 1200 |
| ggttggtctc | tgtgtagagt | gaatcaaagt | cctccctagc | atgggaataa | atcggtactg | 1260 |
| atgagctgga | aaaaaaaaa | | | | | 1279 |

<210> 2134

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(188)

<223> similar to gil780991 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2134

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ggcggaattc | aaaagcaatg | cacaggtctt | cctgtgacgg | gccgctactc | tctctgcctt | 60 |
| cagtgggacg | gtcagccacc | catgccctgg | tccaggccca | gctgatctgc | tcaggagcca | 120 |
| ggcggggcat | gcacgctttt | attgtgcca | tccggagtct | tcaggaccac | acccactgc | 180 |
| caggttaagcc | cataatgctc | cctcaaggaa | ccctgccagg | aggagagccc | aggtggcctc | 240 |
| cctgacctgg | ggccccagag | ggccacagga | gtagctaaga | catgtctccc | ttgggcaggg | 300 |
| agcggctccag | ttggacagac | ttggtgctaa | ctggctaggt | gaacttgagc | aagatttagc | 360 |
| atctttctga | cctcagcttg | ttcacctgca | aaataggtac | aataatccca | gtgtcacagg | 420 |
| ctgct | | | | | | 425 |

<210> 2135

<211> 681

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(146)
 <223> similar to gi4589634 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2135
 caaccagatt ggatctgggt cctcgcgtct tggaacggca gcagctatta aaggagatac 60
 aggcgctgct aagacttctg atgatatcag ttaagtgtg ggccaaagt atagtctttg 120
 taaggaagga agtgaagaac aaggtaagag cgttatactt taccatgatg tcatatactg 180
 tggtagaccag agttaatttg tagaatatgc tgcatacaat ttggcagaag tttataacaa 240
 tttaatatga tattttaagga aacattaaca taaaatgtta tggatgatag agtaatacag 300
 agttacacat gcttttagct tacttgaact cagttataca tgttctgcca gataaacatg 360
 gagagagaaa ttctatgagc atatgcccc gagtgaatat gagatgggag ataagaatct 420
 gctattcttt tagttgggtc gaccaactag cccagcttag ggataaccta gtatgtaaaa 480
 ctgttacttt ccattcagta cgatctctaa atgccagctg cttcatctct tgccaactgc 540
 aaaaacagca ataagttttg acatagtgtc ttagtccatg tgcattgcta taaagaaata 600
 cctgagattg ggtgccttgc acttgggtgc ttttttgga ttacagtacc ctatcattgg 660
 ttctttgctt ctgtggactg g 681

<210> 2136
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> similar to gi4406218 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2136
 ggacatggac atatcctggg ggaacaaaa aatggagaga ttctggaaat tgataagagt 60
 ggcccaatga cactgcttgt tcaggggcac atggaaggag aagtgtgggg gttggcagct 120
 caccctctcc tgcccatctg tgcaacagtg agcgatgata aaacacttcg catctgggaa 180
 ctatctgccc agcaccgtat gctggcagta cggaaactca aaaaagggtg aagatgctgt 240
 gccttttccc ctgatgggaa agccttatcg gttggcttga acgatgggag tttcctggtg 300
 gtaaatgctg acactgttga agacatgggc tctttccatc acagaaaaga aatgatctct 360
 gatattaagt tttcaaaaga tacgggaaaa taccttgccg tggc 404

<210> 2137
 <211> 1352

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> similar to gi5689485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2137

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|------|
| aaatgttgct | atttacagga | aaatttgaat | tctcatgttc | tgattctttc | tctgcaactt | 60 |
| tctaaagctg | agagtaagtt | cagagtcctc | gaaactgagc | tccattacac | aggagaggct | 120 |
| ctgaaagaaa | aggcttttgt | ttttgaacac | gtgcaaagtg | agctaaagca | aaaacagagt | 180 |
| caaatgaagg | acattgaaaa | aatgtacaaa | agtggataca | atacaatgga | aaaatgcata | 240 |
| gaaaagcagg | aaagattttg | tcaactaaaa | aaacaaaata | tgttgcttca | acagcaactg | 300 |
| gatgatgctc | gcaacaaagc | tgacaatcaa | gaaaaagcaa | tacttaatat | tcaagccaga | 360 |
| tgtgatgcta | gagtacaaaa | ccttcaagct | gagtcagaaa | agcaccgtct | tttactagaa | 420 |
| gaagacaata | aaatgttggt | caatgaactg | aatcattcga | aagaaaaaga | atgccaatat | 480 |
| gaaaaagaga | aagcagaaaag | agaagtagct | gtgagacagc | ttcaacaaaa | acgagatgat | 540 |
| gtcttaaaca | aaggatcagc | aacaaaagct | ctgctggatg | cttcacgcgc | tactgcacc | 600 |
| tatttagaaa | atgggatgca | ggattcaagg | aagaaattag | accagatgag | aagtcaattt | 660 |
| caagaaatac | aggatcaact | tacagctact | ataagatgta | ctaaggagat | ggaaggcgac | 720 |
| acacaaaagc | ttgaagtaga | acatgtgatg | atgagaaaaa | ttattaaaaa | acaggatgac | 780 |
| caaattgagc | ggcttgagaa | aatcctgcag | cattcaagtt | tgatgctgca | ggtgtttgag | 840 |
| agctagatga | aggatgttg | ccaaaattta | tgaattaaat | tcaaatacatt | gatttctgaa | 900 |
| ataaactcta | agtagtgaac | ggtattccct | ctcaattgct | tggttaataa | atgctacatt | 960 |
| aaatattttt | tcttacacac | atctagtga | agatgtgaaa | acataaacat | tcatagtga | 1020 |
| gggtatactt | atgcttttgt | aattcatcat | gtttcatagc | tttaaaaaaa | tcgcaagaaa | 1080 |
| tctgtgtatc | cctttttttc | tggccctaca | cttttcttct | gccaccctta | tagaactgtc | 1140 |
| agcctgcaca | ctgaaactgt | tctcagaaaa | caaaggcatc | atcaacttct | caagggttaag | 1200 |
| gtagtgattt | aaggctaaca | gacccacac | tcagtgtgata | ataattagtt | aagcaattac | 1260 |
| aggtcacaa | cagtcacttg | tccagtga | ttttaaatct | ctagtcatga | ctttgtcatt | 1320 |
| ggtttacttt | tgcccctggg | aaaagttgaa | aa | | | 1352 |

<210> 2138

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(88)

<223> similar to gi2852125 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2138

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| ttccagccat | gaatgtcaat | gactcagtca | ccaaacagaa | atttgacaac | ctctactgtt | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| gcggtgaatc | aattcttgat | gggtaatgtt | tattatcttt | gagatgaagt | tgtgatgtcc | 120 |
| agttgagatt | ctaagttttt | tggcttttgg | tattttctgga | aaggattcat | gtagcacctc | 180 |
| tggataaatgt | ctccataaag | ccagagcttt | gtcacctcgt | aaattaaaat | tacattattt | 240 |
| ttattttctc | ctttgtatct | tttctatttc | taaatattat | attttcaaaa | tattatctaa | 300 |
| taaatgtatg | ttgcttttat | gttta | | | | 325 |

<210> 2139

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(531)

<223> similar to gi3717260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2139

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| aaggaaagtg | gaacaagcta | aaggtcttgg | tttccaaaga | tctacatttg | cttgaggaaa | 60 |
| ttgtctcac | actcagagct | tttgaggccg | attcaacagt | cattgagaag | tggatggatg | 120 |
| gcgtgaaaga | cttcttaatg | aaacagcagg | ctgcccaagg | agacgacgca | ggtctacaga | 180 |
| ggcagttaga | ccagtgtctt | gcatttggtt | atgaaataga | aacaattgaa | tcattctctga | 240 |
| aaaacatgaa | ggaaatagag | actaatcttc | gaagtgggtcc | agttgctgga | ataaaaaactt | 300 |
| gggtgcagac | aagactaggt | gactacccaa | ctcaactgga | gaaacttagc | aaggagatcg | 360 |
| ctactcaaaa | aagtaggttg | tctgaaagtc | aagaaaaagc | tgcgaaacctg | aagaaagact | 420 |
| tggcagagat | gcaggaatgg | atgacccagg | ccgaggaaga | atatttggag | cgggattttg | 480 |
| agtacaagtc | accagaagag | cttgagagtg | ctgtggaaga | gatgaagggtg | aggcgggggac | 540 |
| gaccagtgcc | aacaggcttc | atgcctccct | cctcccttta | aaaccagcac | atcaatcatc | 600 |
| tgtctatctg | tcaaacacta | tgtgcatgta | gcattctttca | cagtagggttt | ttgaattaaa | 660 |
| aaaacataac | agggtatt | | | | | 678 |

<210> 2140

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(99)

<223> similar to gil665779 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2140

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| cacctgtgtc | acaaggctct | cctgctagtt | ctggaatagg | cagtccaatg | gcattcttcaa | 60 |
| caataaccaa | aatccacagc | aaaagattta | gagagtaagt | tttatactca | ttattgaggt | 120 |
| tgaatagttt | aaggatcttg | attgtagttc | tgaatttagt | attgtcattg | ttactcagtg | 180 |
| agtcaagcag | acaaaagacc | agagatcttt | aacgcctttc | ggattttgtt | taacagctgg | 240 |
| gtttattatt | taaagcattg | ccttctgtca | gctgttagta | ttcacgtgag | agtgatctga | 300 |
| cagtaagtat | attctcttta | tatcagatag | tatttctatt | ctagaaatct | agactcttaa | 360 |
| tatcttatat | attaaatggt | gtactatcag | ttttcctcct | acaaatgctt | ttgctttttt | 420 |
| gtttatatta | ttggcccttc | aaaagatcac | tctaaccaat | taatagggtt | ctaagaccct | 480 |
| attatatgaa | gtgaacctat | tacataaaagc | tatttgtgca | agtatttcta | agttcttaaa | 540 |
| ttgagataac | tggggggatc | acagaatatg | atacccccac | tgtgaatagc | tttaacagtt | 600 |
| attgctgtga | aggattttta | gatttttaaca | tttatgttga | tgaattaatt | ttacctttta | 660 |
| aatgacata | tgaaaagaatc | ccagggtgaa | agtataatct | atgtgagg | | 708 |

<210> 2141

<211> 2414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1572)

<223> similar to gi2655888 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2141

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|------|
| ttctggtaca | agtacacgta | catggaggaa | atggtgggaa | acgttgccgg | tgcccggcag | 60 |
| gtgtttgagc | gctggatgga | gtggcagcct | gaggagcaag | cctggcactc | ctacatcaac | 120 |
| tttgagctga | gatacaaaga | ggtggatcgg | gcccgcacca | tttatgagcg | atttgtcctc | 180 |
| gtgcaccctg | atgttaagaa | ctggatcaag | tatgcccgtc | ttgaagaaaa | acatgcttat | 240 |
| tttgcccatg | cacggaaagt | gtatgagaga | gctgtggaat | tctttggaga | tgaacatatg | 300 |
| gatgagcacc | tttatgttgc | ctttgccaa | tttgaagaaa | atcagaaaga | gtttgaaagg | 360 |
| gtacgagtga | tttacaagta | tgccctggac | agaatttcaa | aacaagatgc | ccaagaactc | 420 |
| tttaaaaatt | ataccatctt | tgagaagaag | tttggtgata | ggcgggggat | tgaagatatc | 480 |
| attgtgagca | aacggagatt | ccagtacgaa | gaagaagtga | aggcgaatcc | acacaattat | 540 |
| gatgcatggt | ttgattactt | gcgcttggtg | gaaagtgcag | cagaagctga | agccgtgaga | 600 |
| gaagtctatg | aaagggccat | tgccaatgtc | ccacccattc | aggagaagag | gcactggaag | 660 |
| cgctacattt | atctttggat | caactatgca | ctctatgaag | aattggaggc | aaaggatcct | 720 |
| gagaggacaa | gacaggtgta | tcaagcctct | ttggaactaa | ttcctcacia | aaagttcaca | 780 |
| tttgccaaaa | tgtggatact | gtatgcacag | tttgaaatac | gacagaagaa | tctgtcatta | 840 |
| gccagaagag | cattgggaac | ttccataggc | aaatgtccaa | agaacaaatt | atttaaagtt | 900 |
| tacatagaat | tggagctaca | gcttcgagaa | tttgacagat | gccggaagct | ttatgaaaag | 960 |
| ttccttggat | ttggacctga | aaattgtacc | tcatggatta | aattcgctga | attagagaca | 1020 |
| atccttgggtg | atattgacag | agcacgggca | atctatgaat | tagccatcag | tcagccacgt | 1080 |
| ttagacatgc | cagaggtgct | ttggaaatca | tatatgtatt | ttgaaattga | gcaggaagaa | 1140 |
| acagaaagaa | cacgaaacct | ttaccggcgg | ttgcttcaac | ggacgcagca | tgtcaaggta | 1200 |
| tggatcagct | ttgctcagtt | tgagttgtct | tcaggaaaag | aagggaagttt | gactaaatgc | 1260 |
| agacaaattt | atgaagaagc | taacaaaacc | atgcgaaact | gtgaagaaaa | ggaagagaga | 1320 |
| cttatgctgc | tggaaatctt | gcgaagtttt | gaagaagaat | ttggaacagc | ttcagataag | 1380 |
| gagagagtag | acaaactcat | gccagagaaa | gtcaagaaga | gaagaaaggt | ccagactgat | 1440 |
| gatgggtctg | atgcaggctg | ggaagaatac | tttgattaca | tctttccaga | agatgctgcc | 1500 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| aaccaaccta | acctcaaact | cctggccatg | gccaaactgt | ggaagaaaca | gcagcaggaa | 1560 |
| aaggaggatg | ctgagcacca | tccagatgag | gacgtcgatg | agagtgaatc | ctgatctttt | 1620 |
| tttcatagac | aaatgttttg | ttatttttat | aaattaattg | tttggaactc | ttgtgactcc | 1680 |
| tgggaagtct | tatatatttc | accagtaaga | aattgattgg | tatctttgat | ggctactttt | 1740 |
| taagttat | tttaaagtct | cttgggttag | ctaggggtag | ggattgcaag | taaaggactt | 1800 |
| ttttaactgc | tggatttggt | tttccaactg | agtccaaact | tttctaattg | ctgtccacat | 1860 |
| catgcattag | gaaatgtaat | taaggtaaca | ttctacagtt | acttttcatg | tcatacccat | 1920 |
| aaagatagtt | tatgcattca | tctgaaatgt | gtaacttttt | catgtcttca | gagtcacaga | 1980 |
| cttgagttca | tttcccagct | ctgccactca | tgattatata | acttaatttt | cattttcctc | 2040 |
| attcacaaaa | tgggccaata | gtttgacagc | tcattttgaa | gattacatta | taaaaggaat | 2100 |
| atacctggtg | ggtgcatagt | aagtgtctag | taaattgttt | gttctaagcc | acttttaaaa | 2160 |
| atggtttcat | tccttgtaga | attgaatgcy | agtggattaa | taatttacct | tactttctta | 2220 |
| ctagtgtcca | gttatattgt | tttttagaac | aacacttgga | aaataatttg | cagtgtattat | 2280 |
| atttctgaac | aaggttcaga | aaacattgtt | tactaagaat | ttagtctaata | aatttcagtt | 2340 |
| aggcgctcat | cagttctcca | gagtgggtga | gtttgtaata | ccttgtttaa | agaataatgg | 2400 |
| cttgttcacg | tggtg | | | | | 2414 |

<210> 2142

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (570)...(1053)

<223> similar to gil009337 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2142

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|------|
| gttgccctgtg | cccctggagt | ctgtaaaaga | gatgcttaag | tcagtcatgc | aggaactcga | 60 |
| agactatagt | gaaggaggtc | ctctctataa | aaatggttct | ttgcgaaatg | cagattcaga | 120 |
| aataaaacat | tctacaccat | ctcctaccaa | atattcacta | tcaccaagta | aaagttacaa | 180 |
| ggtaaacagg | aaagaatggg | aatcattttca | ttgtgaaatt | gtttctaagt | gttttaaatg | 240 |
| ctcttttggt | atttttat | tttttttag | gtattctccc | aaaacaccac | ctcgatgggg | 300 |
| gcagaaggat | caggaattct | ttacggaaaa | tgatttgcca | agaagtaaag | gccattacga | 360 |
| aactaaatag | cagtaagtca | gcateccgct | atcggtggcc | cacagagaat | tatggaccag | 420 |
| actcggtgcc | tgatggatat | caggggtcac | agacatttca | tggggctcca | ctaacagttg | 480 |
| caactactgg | cccttcagta | tattatagtc | agtcaccagc | atataattcc | cagtatcttc | 540 |
| tcagaccagc | agctaattgt | actcccacaa | agggttcttc | taatacagaa | tttaagtcaa | 600 |
| ccaaagaagg | attttccatc | gctgtgtctg | ctgatggatt | taaatttggc | atttcggaac | 660 |
| caggaaatca | agaaaagaaa | agtgaaaagc | ctcttgaaaa | tgatactggc | ttccaggctc | 720 |
| aggatattag | tggccagaag | aatggccgtg | gtgtgatttt | tggccaaaca | agtagcactt | 780 |
| ttacatttgc | agatgttgca | aatcaactt | caggagaagg | atttcagttt | ggcaaaaaag | 840 |
| accccaattt | caagggattt | tcaggtgctg | gagaaaaatt | attctcatca | caatgcggtg | 900 |
| aaatggccaa | taaagcaaac | acttcoggtg | actttgagaa | agatgatgat | gcctataaga | 960 |
| ctgaggacag | cgatgacatc | cattttgaac | cagtagttca | aatgcccga | aaagtagaac | 1020 |
| ttgtaacagg | agaagaagat | gaaaaagttc | | | | 1050 |

<210> 2143
 <211> 1302
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (49)...(1264)
 <223> similar to gi294543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2143

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| cgggcacatt | gtaccttgag | aacctttgac | gccacccttg | gcacgagggc | tgagtctgtt | 60 |
| acggaagtgt | agatttttgg | taaagcaact | tcaattgacc | caaataccta | catcacttgg | 120 |
| attgataaat | accaggccca | gcttgtgggt | ttgtcagccc | agatagcctg | gtctgagaac | 180 |
| gtggagaccg | cactgagcag | catgggcgga | ggtggagatg | ccgcgccctt | gcactctgtg | 240 |
| ctgagcaatg | tggaggtcac | cctcaatgtg | ttagcagact | ctgtcctcat | ggagcagccc | 300 |
| ccactccgaa | ggcggaagct | agaacacttg | attacagagt | tggttcacca | gagagatgtt | 360 |
| acaaggtcct | tgatcaaaaag | caagattgac | aacgccaaat | cttttgaatg | gctcagccag | 420 |
| atgcgatttt | actttgaccc | taagcaaact | gatgtgttac | agcagttgtc | aattcaaagt | 480 |
| gcaaattgcca | aatttaacta | tggctttgag | tacctgggtg | ttcaggacaa | actggtccag | 540 |
| acccccctca | ctgaccgctg | ctatttgaca | atgacacaag | ccttgagggc | caggctgggg | 600 |
| ggttccccat | ttggacctgc | tggaactggg | aaaacagagt | ctgtcaaagc | tcttggccat | 660 |
| cagcttgagc | ggtttgtttt | agtttttaac | tgtgatgaaa | cctttgattt | ccaggcaatg | 720 |
| ggccggatct | ttgtgggcct | ttgccagggt | ggtgcctggg | gctgctttga | cgagttcaac | 780 |
| cgcttgaggg | agcggatgct | ctcggctgtg | tcccagcagg | tgcatgcat | acaggaagca | 840 |
| ctgctgaac | attccaacct | caactacgac | aagacctctg | ccccattac | ttgtgagctg | 900 |
| ctgaacaaac | aagtcaaggt | gagcccggac | atggccatct | tcatcaccat | gaaccctggc | 960 |
| tacgcggggc | ggtctaacct | tcctgacaac | ttgaagaagc | tgttccggag | cctggccatg | 1020 |
| accaagcccc | accggcagtt | aatcgcccag | gtcatgctgt | actcacaggg | tttccgcact | 1080 |
| gctgaagtgc | ttgccaacaa | aatcgctccc | ttttttaaac | tatgcatga | gcagctctct | 1140 |
| tcccaaagcc | attatgactt | cggtcttcgg | gctttgaaga | gtgtgctggt | gagtgcaggg | 1200 |
| aatgtgaaga | gagagagaat | ccagaagata | aagagggaga | aagaggaacg | aggggaagca | 1260 |
| atgactattt | tgtagtacac | atgaagcaca | aggggaaaga | aa | | 1302 |

<210> 2144
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(578)
 <223> similar to gi3540281 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2144
ttccgggtcg acccacgcgt ccgcccacgc gttcgggttg tggctttttt ggccaaggag      60
cagaagggaag attacttgcc tgttctcagg gtgggtcagtg ttaccatcca tactgtgtca      120
gtattaagat cactaaagtg gttcttagca aagggttgag gtgtcttgag tgcactgtgt      180
gtgaggcctg tgggaaggca actgaccacg gaagactcct gctgtgtgat gactgtgaca      240
taagttatca cacctactgc ctagaccctc cattgcagac agttcccaaa ggaggctgga      300
agtgcaaatg gtgtgttttg tgcagacact gtggagcaac atctgcaggt ctaagatgtg      360
aatggcagaa caattacaca cagtgcgctc cttgtgcaag cttatcttcc tgtccagtct      420
gctatcgaaa ctatagagaa gaagatctta ttctgcaatg tagacaatgt gatagatgga      480
tgcatgcagt ttgtcagaac ttaaatactg aggaagaagt ggaaaatgta gcacacattg      540
gttttgattg tagcatgtgc agaccctata tgccctgcgc taatgtgcct tcctcagact      600
gctgtgaatc ttcacttgta gcacaaattg tc                                     632

```

<210> 2145

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (260)...(712).

<223> similar to gi5901834 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2145
ataattagta catgcaaaa ttcatgattt tccatttaga gatgcacaag agtgggtgat      60
acaaagtaat agtacttaca gtacacgggt atgggtacgg cagaaaccac agaagtggta      120
cacaaaagat caaagcttag gaaacactgt tgggcctttg attatgagaa gctctgcagt      180
tgataacaag tttattttta atggttggtg tctgaaatta aaacttttat atacatattt      240
tattctagat gattttttcc cctctgtcac tgtgctgggtc cggggaatgt ctggaagact      300
tgcttgggca caacagcttt gtcttttacc cagaggagca aaagcaaatc agaagctttt      360
tgtacctgaa cctcgcccag ttcctaaaaa tgacgttgga tttaaatatt ctgtgaaaca      420
tcggccattt cctgaagagg tggacaagat tccttttgtg aaagcagatc tcagcattcc      480
agatttgcag gaaatagtca ctgaagaatt agaagagaga cacgaaaaat taaggagtgg      540
catggcccag cagattgctt atgaaatata ccttgagcaa cagagtgagg aggaattgca      600
gaagagaagt tttcctgacc cagttacgga ttgcaagccc ccgcctcctg ccaggaatt      660
ccaaacagcc cgcttttttc tctcacactt tggatttttg tccttagaag cactgaaggt      720
aattttcatg aacttttatg aataaatata ttcacaagtt aacattcagc tgacaatagc      780
taaaatattt ttatcaggat agaagcgaat taacaaaaaa a                                     821

```

<210> 2146

<211> 608

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (50)...(610)
 <223> similar to gi3451312 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2146
 ctgcgggacc ctcattcttc agggccgggc ctatgtggga ccgcacgtcc tggcagtggg 60
 gacccgcaca gggttctgca cggcaaaagg gggcctgggt agctccatct tgcacccccg 120
 gcccataaac ttcaagttct ataaacacag catgaagttt gtggctgccc tctctgtcct 180
 ggctctcttc ggcaccatct acagcatctt catcctctac cgaaaccggg tgcctctgaa 240
 tgagattgta atccgggctc tgcacctggg gaccgtgggt gtgccacctg ccctgcctgc 300
 tgccatgact gtgtgcacgc tctacgcca gagccgactg cggagacagg gcattttctg 360
 catccaccca ctgcgcatca acctgggggg caagctgcag ctggtgtgtt tcgacaagac 420
 gggcaccctc actgaggacg gcttagacgt gatgggggtg gtgcccctga aggggcaggc 480
 attcctgccc ctggtcccag agcctcgccg cctgcctgtg gggcccctgc tccgagcact 540
 ggccacctgc catgcctca gccggctcca ggacaccccc gtgggcgacc ccatggactt 600
 gaagatgt 608

<210> 2147
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> similar to gi2239242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2147
 tacatcaact atcgcgacag caagctcacc cggctcctga aggactctct gggaggaaac 60
 agccgcacag tgatgatcgc tcacatcagt cctgcgagca gtgccttcga ggagtcccgg 120
 aacaccctga cctacgccgg ccgggccaaag aacattaaga ctagggtgaa gcagaacctc 180
 ctgaacgtct cctaccacat cgcccagtag accagcatca tcgctgacct gcggggcgag 240
 atccagcgac tcaagcgcaa gattgatgag cagactgggc ggggccaggc ccggggccgg 300
 caggatcggg gtgacatccg ccacatccaa gctgaggtcc agctgcacag cgggcagggt 360
 gagaaggctg gcatgggaca gcttcgggag cagctcgcca gcgccttcca ggagcagatg 420
 gatgtgcgga ggcgcctgct ggagctggag aaccgcgcca tggaggcca gattgacacc 480
 tcccagacacc tgctcaccat cgcgggctgg aagcacgaga agtcccgcg ggcctcaaa 540
 tggcgggagg agcagcgaaa ggagtgtctac gctaaggacg acagcgagaa ggactcagac 600
 acaggtgatg accaaccaga catcctggag ccacccgagg tggccgcagc ccgggagagc 660
 attgcagccc tgggtggacga gcagaagcaa ctgcgcaagc agaaggtgtc cagggtttgg 720
 ggggacaagg agagtgggtt taggggact 749

<210> 2148
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (218)...(656)
 <223> similar to gi2224703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2148

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tgcttggcac | gaggcaattt | taaaaaagaa | aaaagaattt | catagctgtg | tgccctgtca | 60 |
| tccccttcag | gcaaatgaaa | gaaatctgtc | cacatgaggg | tgccctccctc | tttcaaggca | 120 |
| ccctcccat | cttgacccaa | gtcagtacag | cttctcacac | cctgtacccc | atgtctgctg | 180 |
| ctcaccagtt | gcttgtgtga | cttgcgctg | ctctttgcag | ctcctcaagt | tcatcccaga | 240 |
| gaagagtgc | attgacctcc | tggaggagca | caagcatgaa | attgagcgga | tggcccgtgc | 300 |
| tgaccgcttc | ctctatgaaa | tgagcaggtt | gggccatggg | catggtgggg | attcaagcag | 360 |
| gtggggttct | ggcaggtggg | gcaggtgggg | ctctgccaa | aggaagggga | tggaggtggg | 420 |
| caggcttgag | aggagactgg | agctggctcc | gggagctggg | gctggccagg | ataggggtgg | 480 |
| gatacctcaa | tatatggttc | accttgtcta | caggattgac | cactaccagc | agcgactgca | 540 |
| agccctcttc | ttcaagaaga | aattccagga | gcggctggct | gaggcaaagc | ccaaagtgga | 600 |
| aggtagggct | gagggttgca | ggaggcttag | agtgcagact | tatctgagaa | aggcagcgtg | 660 |
| gctgggagcc | agtgaatagg | ggcagaggga | aaccaaattc | ttattctcaa | ccccaaaaa | 720 |
| aaaacaaaa | | | | | | 729 |

<210> 2149
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (292)...(847)
 <223> similar to gi2280485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2149

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctatctggct | actggccact | gtggctttgt | attcctctaa | cgtggctgcc | aaggctgctt | 60 |
| ttcctttctg | ctcagactca | ataattcgct | ccatattggtg | actgcgttct | ttgagtggcc | 120 |
| ctatcatttc | ttgagcttcc | ttattgtctt | gttctgccat | tttcaaagta | ttgcttaa | 180 |
| gctgctggac | accaagaagc | tgctcccgtt | caaaacgggc | attctcagcg | aggtccatgt | 240 |
| aacgttgctc | taattccata | tagcgccac | tttttacatc | ttcatctatg | acagattgaa | 300 |
| tacttccgct | ctcttctaga | tgagcatcac | atttcttatg | tcatagatga | agatgtaaaa | 360 |
| agtgggcgct | atatggaatt | agagcaacgt | tacatggacc | tcgctgagaa | tgcccgtttt | 420 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gaacgggagc | agcttcttgg | tgtccagcag | catttaagca | atactttgaa | aatggcagaa | 480 |
| caagacaata | aggaagctca | agaaatgata | ggggcactca | aagaacgcag | tcaccatattg | 540 |
| gagcgaatta | ttgagtctga | gcagaaagga | aaagcagcct | tggcagccac | gttagaggaa | 600 |
| tacaaagcca | cagtggccag | tgaccagata | gagatgaatc | gcctgaaggc | tcagctggag | 660 |
| aatgaaaagc | agaaagtggc | agagctgtat | tctatccata | actctggaga | caaattctgat | 720 |
| attcaggacc | tcctggagag | tgtcaggctg | gacaaagaaa | aagcagagac | tttggctagt | 780 |
| agcttgccag | aagatctggc | tcatacccga | aatgatgcc | atcgattaca | ggatgccatt | 840 |
| gctaaaggta | gaggatga | | | | | 858 |

<210> 2150

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(570)

<223> similar to gi4101751 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2150

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccgacttcta | gcaaaaacca | ttactctttt | ttttcttttg | gcattactaa | actctcagat | 60 |
| tgggttttcc | ttgagttccc | tttagacaat | ccctcccagg | ttggaagtgt | tcctgtcaca | 120 |
| atcaaagtct | tagatgtgaa | tgacaatgct | ccagagttcc | ccagattcta | tgaagctttt | 180 |
| gtctgtgaga | acgccaaggc | aggacagctg | atccagacag | tgagtgcggt | ggaccaagat | 240 |
| gacccacgca | atggtcagca | tttctactac | agcttggtct | ctgaggctgc | taacaacccc | 300 |
| aactttacca | taagggacaa | ccaagataac | acagcacgga | ttctaaccag | gaggtctggt | 360 |
| ttccggcagc | aggagcagag | tgtctttcac | ctgcctatcc | tgatagcaga | tagcgggcag | 420 |
| cccgtgctga | gcagcacagg | cacactgacc | atccaagtgt | gcagctgtaa | tgacgacggc | 480 |
| cacgtcatgt | cctgcagccc | agaggcctac | atgctcccag | tcagtttgag | ccggggcgcc | 540 |
| ctcattgcc | tcctcgctg | catcttttg | | | | 569 |

<210> 2151

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> similar to gi3980007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2151
caggaacata tcataaaaaa gttaattaaa gaaaataaga agcatcagga gctcttcgta      60
gacatttggt cagaaaaaga caatttaaga gaagaactaa agaaaagaac agaaactgag      120
aagcagcata tgaacacaat taaacagtta gaatcaagaa tagaagaact taataaagaa      180
gttaaagctt ccagagatca actaatagct caagacgtta cagctaaaaa tgcagttcag      240
cagttacaca aagagatggc ccaacggatg gaacaggcca acaagaaatg tgaagaggca      300
cgccaagaaa aagaagcaat ggtaatgaaa tatgtaagag gtgagaagga atctttagat      360
cttcgaaagg a                                     371

```

```

<210> 2152
<211> 800
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(797)
<223> similar to gi2852363 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2152
attttggtgt ggatccctat tctggagtca taaagtcaaa tgtctcattt gatagagagc      60
agcagagttc ctacactttt gatgtcaaag ccactgatgg aggacaacca cctcgttcct      120
ctactgcaaa agtaactatc aacgtcatgg atgtcaatga caacagccca gttgtcattt      180
ctccaccgct taataacttc ttttaagttgg tgccctctc agccattcct ggctccgtgg      240
tagcagaagt ttttgagtg gatgttgaca ctggaatgaa cgctgaacta aagtatacta      300
tagtgagtgg aaacaataaa ggcttattcc ggattgatcc agtaacaggt aacattactc      360
tggaagaaaa accagcacct actgatgtgg gattgcatcg tttggtggtc aacataagtg      420
acctggggta ccctaagtc ttcacacgc ttgtgcttgt attcctttat gttaacgaca      480
ctgctggaaa tgcttcctat atctatgact tgatccgcag gactatggag accccgttgg      540
acaggaacat aggggatagt agccaaccct atcaaaatga ggactatcta accatcatga      600
ttgccatcat cgccggtgcc atgggtggta ttgttgtgat cttcgtcacc gttctgggtgc      660
gctgtcgcca tgcacaaagg ttcaaagcag ctcagaggag caagcaaggt gccgaatgga      720
tgtcccaaaa ccaggagaac aagcaaaaaca agaaaaagaa aagaaagaaa aggaagtctc      780
ccaaaagctc tcttttgaac                                     800

```

```

<210> 2153
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(401)
<223> similar to gi1842429 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2153
agcacgctac cgctttaccc tcagcgccag gacgcaggtg ggctctgggg aagccgtcac    60
agaggagtca ccagcacccc cgaatgaagc tactccaacc gcagctcctc ccacattgcc    120
cccgactacc gtgggtgcga cgggcgctgt gagcagtacc gatgctactg ccattgctgc    180
caccaccgaa gccacaacag tccccatcat cccaactgtc gcacctacca ccatggccac    240
caccaccacc gtcgccacaa ctactacaac cactgctgcc gccaccacca ccacggagag    300
tcctcccacc accacctccg ggactaagat acacgaatcc gcccctgatg agcagtccat    360
atggaacgtc acggtgctcc ccaacagtaa atgggccaa    399

```

```

<210> 2154
<211> 667
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(463)
<223> similar to gi51553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2154
tacacttgaa gagggagcac aaagaagaaa ttgaaaacct gcaggcacag tttgaacttc    60
gggcatttca tatccggggc gagcatgcaa tgataacagc gagactagaa gaaaccattg    120
aaaatctgaa acacgagcta gaacacagat ggcgaggggg ttgtgaagag aggaaagatg    180
tgtgcatttc caccgatgat gactgccctc caaagacctt cagaaatgtg tgcgtccaga    240
cagacagaga gaccttcctc aagccctgtg aaagtgaag caagacaacc agaagtaatc    300
aattagtacc caaaaagctg aatatctcct cttaagcca gctctcacc ccaaagacc    360
acaaagacat ccatgcagca ctccagccaa tggagggcat ggcacaaat cagcagaagg    420
cattgcctcc gcctcccgca tccatccctc cctgcccct cnnnnnnnnn nnnnnnnnn    480
nnnnnnnnng gggggggaaa ttaaaagaaa aaggattttt tgtggggggg tggcgacaaa    540
agggtttttt tattagtcac caaaattgaa aacttggggg ccggttttaa aaacagggga    600
gagggaaaaa aggggggggg ccccaaaatt atcccttttc aaaaaacccc ctttttcccc    660
cccggggg

```

```

<210> 2155
<211> 662
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(648)

<223> similar to gi968973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2155

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctgaagtcaa | cgcaagacga | aatcaaccag | gcaaggagca | aactgtccca | gctgcatgaa | 60 |
| agccgccagg | aggcccacag | gagcctggag | cagtatgacc | aggtgctcga | tggagcccat | 120 |
| ggtgccagcc | tgaccgacct | ggccaacctg | agcgaaggcg | tctccctggc | agagaggggc | 180 |
| agttttggag | ccatggatga | tcctttcaaa | aataaagcct | tgttatttag | caacaacacg | 240 |
| caagagttgc | atccggatcc | tttccagaca | gaagaccctt | tcaaattcga | cccatttaaa | 300 |
| ggagctgacc | ccttcaaagg | cgaccctgtc | cagaatgacc | cctttgcaga | acagcagaca | 360 |
| acttcaacag | atccatttgg | aggggacctt | ttcaaagaaa | gtgaccattt | ccgtggctct | 420 |
| gccactgacg | actttctcaa | gaaacagaca | aagaatgacc | catttacctc | ggatccattc | 480 |
| acgaaaaacc | cttccttacc | ttcgaagctc | gacccctttg | aatccagtga | tcccttttca | 540 |
| tcctccagtg | tctcctcaaa | aggatcagat | ccctttggaa | ccttagatcc | cttcggaagt | 600 |
| gggtccttca | atagtgtgta | aggctttgcc | gacttcagca | ctattgaagg | tcgacgcggc | 660 |
| cg | | | | | | 662 |

<210> 2156

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (267)...(365)

<223> similar to gi37543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2156

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aactccccta | gaccctcagg | gccacacta | aatgtgatga | aataggacgc | aagccacata | 60 |
| tttacttttg | cattttacag | taaccatatt | ttaaaaagta | aaacaaaaga | agtgaaggta | 120 |
| attggaataa | tatcacagat | ttaaataaat | ctatccaaaa | taccaggtct | acatgtataa | 180 |
| actattttta | cattaacaca | atgctttctt | tttatattaa | ggcctcacia | tctaattgtg | 240 |
| atctgacact | tctcacacat | ctcagtatca | tggcagcacc | ccatatggga | ggccctccca | 300 |
| tgatgccaat | gatgggccct | cctcctcctg | ggatgatgcc | agtgggacct | gctcctggaa | 360 |
| tgangctcgc | a | | | | | 371 |

<210> 2157
 <211> 694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(697)
 <223> similar to gi220418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2157

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atgtcctgga | tgcactggcc | aaggctctgg | gctttaaata | tgagatttac | caagcccctg | 60 |
| atggcaggta | cggtcaccag | ctccataaca | cctcctggaa | cgggatgac | ggggagctca | 120 |
| tcagcaagag | agcagacttg | gccatctctg | ccatcaccat | caccccagag | agggagagcg | 180 |
| ttgtggactt | cagcaagcgg | tacatggact | attcagtggg | gattctaatt | aagaagcccg | 240 |
| aggagaaaat | cagcatcttc | tccctctttg | ctccatttga | tttcgctggg | tgggcctgca | 300 |
| ttgcagcagc | catccctgtg | gttgggtgtg | tgatatttgt | gttgaacagg | atacaggctg | 360 |
| tgagggctca | gagtgtgtgc | cagcccaggc | cgtcagcttc | tgccactctg | cacagcgcca | 420 |
| tctggattgt | ctatggagcc | ttcgtacagc | aagggggcga | atcttccgtg | aactccatgg | 480 |
| ccatgcgcat | cgtgatgggc | agctgggtgg | tcttcacgct | cattgtgtgc | tcctcctaca | 540 |
| cagccaacct | tgctgccttc | ctcacagtgt | ccaggatgga | caacccata | aggactttcc | 600 |
| aggacctgtc | caaacaagtg | gaaatgtctt | atggcactgt | ccgggattct | gctgtatatg | 660 |
| agaacttcg | agccaagggc | accaaccccc | tggg | | | 694 |

<210> 2158
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2158

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctgaaacatg | gcgccaatcc | aaaccttaag | gatattctacg | gcaacactgc | tctccattat | 60 |
| gctgtgtata | gtgagagcac | ctcactggca | gaaaaactgc | tttcccatgg | tgacacatt | 120 |
| gaagcactgg | acaaggacag | taatacccca | cttttattcg | ctataatttg | caagaaagag | 180 |
| aaaatggtgg | aatttttatt | gaaaaacaaa | gcaagtacac | atgccgttga | taggctgaga | 240 |
| tggtcagctc | tcattgcttg | tgtatactat | gactcaccag | gtattgtcag | tatccttctt | 300 |
| aagcaaaata | ttgatgtctt | cgctcaagac | atgtgtggac | gagatgcaga | agattacgct | 360 |

atttctcatc atttgacaaa aattcaacaa caaattttgg aact

404

<210> 2159

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(520)

<223> similar to gi2440078 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2159

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| gtggaattcg | aagaagagtc | ctctcagag | accaggatgg | tggtgacatt | cctcgtgtct | 60 |
| gccctcgaat | ccatgtgtaa | agaactggcc | aagtccaagg | cagaagtggc | ctgcatcgca | 120 |
| gtgtacgaaa | cagacgtgtt | tgctgctcga | accgagagag | gatgctgttt | tgtaaatgcc | 180 |
| aggacggatt | ttcagaaaaga | ttttgcaaaa | tactgctgtt | cagagggact | gtgtgaggtg | 240 |
| aaacctccct | gccctgtgaa | cgggatgcag | gtccactcgg | gcgaaacgga | aatactcagg | 300 |
| aaggcagtgg | aggactattt | ctgcttttgt | tatggtaaag | ccttagggac | aacagtgatg | 360 |
| gtgcctgttc | cctatgagaa | gatgctgcga | gaccagtcgg | ctgtggtagt | gcaggggctt | 420 |
| ccggaaggcg | ttgcctttca | acaccctgag | aattacgacc | ttgcaaccct | gaaatggatt | 480 |
| ttggagaaca | aagcagggat | ttcattcatc | ataaataggt | gacacactct | gcacccccgc | 540 |
| cccttcagtt | catttaaaga | tgaaccaat | agcctaattt | taattcactc | gtgcatcccg | 600 |
| cctgctgcgt | ttcagagctg | actgttcaga | tgtgtcatgc | ttttttcatt | gggccgtgct | 660 |
| gggtaatggt | gttgcttttc | ttgcagaccc | ttcctaggac | cagagagtca | gctgggtaag | 720 |
| tgacagcttc | tcaggtttgg | tggctcttct | gagctgctga | accacttc | | 768 |

<210> 2160

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(396)

<223> similar to gi4959147 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2160

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atgctattga | aaccctcgac | gatctcagaa | aggagacgat | gagtgtttct | gacctgtgga | 60 |
| atactctgtc | tagtttgaat | agtaatttaa | aaaaggatga | atttctagct | gcattggaac | 120 |
| tagtgacagt | tgatgaaggt | gacaaagtac | aatttgaaga | atttgcaaaa | gtagtaagga | 180 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| atatgcgtga | tgctgccagg | ttagaagagt | tacaggaagt | tgtcttagct | gctgatttgc | 240 |
| tggaagggtga | catgatagct | gggaagaact | tggaagactt | tctaagaaat | gttggggatta | 300 |
| agtcacctaa | agaagaggta | gagaaaattc | ttcaatcaga | ttttgtttct | gaagataaca | 360 |
| tggtgaacat | taaagactgt | atgaggggctt | tgagggg | | | 396 |

<210> 2161
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(744)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | |
|-------------|------------|-------------|-------------|------------|-----------------|
| <400> 2161 | | | | | |
| cggacgcgtg | ggggatctgg | caatagctcc | caaccctcac | ttcgtgaggg | ccacgacaaa 60 |
| cctgttttta | atggagctgg | aaagcctcat | tccagcacct | cttcaccaag | tgtcccaaag 120 |
| acttctgcta | gcaggactca | gaaatctgct | gttgagcaca | aagccaaaaa | atctctgtcc 180 |
| catcctagcc | attccaggcc | tgggcccattg | gtcaccaccac | acaataaggc | taagagtcca 240 |
| ggtgtcaggc | agccaggcag | cagctctagc | tcagcccctg | ggcagcccag | cacagggggtt 300 |
| gctcgaccca | cagttagttc | tggccctgtg | cctagggcgcc | agaatggcag | ctccagctca 360 |
| ggacctgagc | gatcaatcag | tgggtccaag | aagccaacca | atgactcaaa | tcctcttagg 420 |
| cggacagtca | gtggtacatg | tggccctgga | caacctgcaa | gcagctcagg | tggccctggg 480 |
| cgacccatca | gtggttcagt | tagttctgca | agacccttgg | gcagctctcg | tggccctggc 540 |
| cggcctgtga | gcagtccaca | tgaacttcga | cgaccagtga | gtggcttggg | ccccccgggg 600 |
| cggctctgtca | gtggccctgg | gagatccata | agtggctcaa | ttccagctgg | acggactgtc 660 |
| agtaattcag | tcccaggaag | accagtgagc | agcttggggac | ctgggcaaac | agttagtagc 720 |
| tcagggtcca | ctataaagcc | taagtgcact | gt | | 752 |

<210> 2162
 <211> 1064
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(1064)
 <223> similar to gi4557143 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2162

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|------|
| gcggtggaat | tcagcagcgc | aggcaagatg | tattttgtga | ctgcagtatt | ctagttgaag | 60 |
| ggaaggtctt | caaagcacat | cgaaatgtat | tattcgctag | gagcggctac | tttaaaatgc | 120 |
| ttctttctca | gaattcaaag | gagacgagtc | agccaaccac | agctacattt | caggctttct | 180 |
| cccctgacac | ttttacagtt | atcttggact | tcgtatattc | tggcaaactg | tctcttactg | 240 |
| gtcagaatgt | catagaagtg | atgtcggctg | ctagcttcct | tcagatgact | gatgtcataa | 300 |
| gtgtatgtaa | gactttttatt | aaatcttcct | tagacattag | tgagaaagaa | aaagatcgct | 360 |
| atttcagttc | ctcagataaaa | gatgcccaatt | ctaattggtgt | agaacgttcc | tctttttata | 420 |
| gggggggctg | gcaagaagga | agcagttctc | cacgttctca | cctaagccca | gagcaaggaa | 480 |
| caggtataat | aagtggaaaa | tcttgggaata | agtataatta | tcattccagcc | tcccagaaga | 540 |
| atactcaaca | acccttggcc | aagcatgaac | caaggaaaga | gtccattaaa | aagaccaaac | 600 |
| atltgagatt | gtcacagcct | tctgaagtta | ctcattataa | gtcaagcaaa | cgagaagtac | 660 |
| gaacatctga | ttcttccagc | catgtttccc | agtctgaaga | acaagcacag | attgatgtcg | 720 |
| aaatggactc | tactcctggt | ggctatcagt | acggccaagg | atctgatgtc | acatccaaaa | 780 |
| gctttccaga | tgatctgcct | cggatgcgat | tcaagtgcct | gtactgcaca | catgtggtga | 840 |
| agcgggaagg | agcgaataag | cgccaccttc | gttgctcaca | aggagaaagg | ccctatccat | 900 |
| gtcaagcttg | tggaaaaaga | tttagcaggc | tagaccatct | aagtagccat | tttcgaacaa | 960 |
| ttcaccaggc | atgtaaactc | atctgcagaa | aatgtaaacg | tcattgtgaca | gatctaacag | 1020 |
| ggcaagcggg | acaggaggga | accaggcgct | acagactgtg | taat | | 1064 |

<210> 2163

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (475)...(583)

<223> similar to gi4929679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2163

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ttattattat | tttgcataga | gacaagcact | cactgtgtta | cccaggctgg | ttttgaactc | 60 |
| ctgagcttaa | tcagttctca | cctgctttgc | cctcccaaag | tgctatgatt | acaggtgtga | 120 |
| gccaccacgc | ttggccctgc | ccaggagtca | tttttgtatc | tacaggatcc | ttcctatgct | 180 |
| gtagacagat | gccctttttc | aaggcaaaaa | ccctagccat | ttttctcttc | tccttcagag | 240 |
| tctgcaacat | cctctcaact | catccaagtg | actactgcct | ggtgctcttg | gggatgcagg | 300 |
| gaggcctgag | aaggccaatg | tctatacaga | aagttctaac | atagtgcact | gagtcaatgt | 360 |
| gggcacttta | aagccctttc | acctgccaa | tcaogaagca | cccctatagt | tgtgtttgta | 420 |
| aaatactggg | gggtttgaag | gggaaaagg | ataactccaa | ggtaccatct | ttgcatttca | 480 |
| gatccacaca | acttaaagat | ctgctgtcga | gtgaatgggg | aagtgggtcca | gagcagcaac | 540 |
| accaaccaga | tggtattcaa | gacagaggac | ctgatagcct | gg | | 582 |

<210> 2164

<211> 388

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (242)...(106)
<223> similar to gi38435 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2164
tttttttttt ttaccggtta aaaccattct tttccacctg gttttactga aacatttggg      60
aaaaaggaaaa aatgtcgtcc cttttaaaaa aaaaaaaaaa ggggggccctt ttaaaagaac     120
ccttgggggg cccaaattta acgggggctg gcaaggaaaa atttttttcc ttatgggggg      180
ccgaataaaa accaacttgg gaattttggg aaagaacctt ttttttgggg gggggactta      240
ttggcccaac ctccctacaa aaattaaagg ctttagggaa aaaaaaaatt ttaaggggga      300
aaagggggta aaacaacctc aatagcctgg cggttggaag gttttgtttc cggggtttaa      360
tttaaaaaaa ttttaccctc gggggctg

```

```

<210> 2165
<211> 527
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (360)...(518)
<223> similar to gi535518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2165
aggggggacc cacgcgtgcg gccagttgta caggaactgc caaaggctac agaaattctt      60
tctccctatg tcccagccta ccccacttt agcgaggcca acagccgcct cagaaaccag      120
attcaggagc taacatgcc caggtctcac gaggatcaga gactccagag gccagggaag      180
gagatcaagg tagtcaagcg ggggtcgtct agatctggt tgtgctcgag ctatgcaaatt      240
gcctctcacg gagatgcgag gacctatcta ttatgatgac caggggccaca tccggagggg      300
gcaacagact ttcatctatc agcccttttc aaccactgat ctactaaact ggaaacactc      360
tgaaccctgc catcttgctc ctggtatcag agagccctgt cgtgcataac tgtgtagaag      420
tgttggaact agtttactcc agcagacctg atctccggga ccagccttgg gcatcagtag      480
actggaagct atatgtggac aggagcagct tcatcaacct acaaggg

```

```

<210> 2166
<211> 1239
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (2)...(1241)
 <223> similar to gi2160381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2166
 tgggaacgcc gcctttgctg gccagggcgt ggtatatgag accttccaca tgagcgacct 60
 gccctcctac acgaccaatg gtaccgtgca cgtcgtcgtc aacaaccaga ttggattcac 120
 cacagacccc cgaatggccc gtcctcacc ataccgacc gacgtggccc ggggtgtcaa 180
 tgcgctatc ttccatgtga atgccgatga cccagaggct gtgatatatg tgtgcagtgt 240
 ggagccgaa tggagaaaca ctttcaacaa agatgttggc gcggacctgg tctgttaccg 300
 ccggcgtggc cacaatgaga tggacgagcc catgttcacc cagccgctca tgtacaagca 360
 gatccacaga caggtgcctg tgctgaagaa gtacgcagac aagctgattg ccgagggcac 420
 agtcaccctg caggagtgtg aggaagaaat tgccaaatac gaccgatct gtgaggaggc 480
 ttatggcagg tccaaggata aaaagattct gcatataaag cactggttgg actccccctg 540
 gcctggcttc ttcaacgtag atggggagcc caagagcatg acatgcccag ccacggggat 600
 ccctgaggac atgctcacc acatcggcag tgtggccagc tctgtgcccc tggaggactt 660
 taagatccac actggcctct ctgcattct gcggggccgt gcggacatga ccaaaaaccg 720
 gacggtggac tgggcgttgg cagagtacat ggcctttggc tccctgctga aggaaggcat 780
 ccacgtgcgg ctcaacgggc aggatgtgga gaggggcaca ttcagtcacc ggcaccatgt 840
 tctccatgac caggaggttg accgcaggac gtgtgtgcct atgaatcacc tctggcctga 900
 ccaggccccg tacaccgtgt gcaacagctc cctctcgag tacggagtcc tgggctttga 960
 gctgggctat gccatggcca gccccaatgc cctggtcctc tgggaggccc agtttgggga 1020
 cttccacaac acggcccagt gcatcatcga ccagttcacc agcaccggcc aggccaagt 1080
 ggtgcggcat aatggcattg tgctgctgct gccccatggc atggaaggca tgggcccaga 1140
 gcactcgtca gcgaggccc aaaggttctt gcagatgagc aatgatgact cggatgccta 1200
 ccctgcattc accaaggact tcgaggtgag ccagctctg 1239

<210> 2167
 <211> 552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (225)...(441)
 <223> similar to gil340076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2167
 aagggtacgg gcagattgag attacagaag gatccactg gttgccttgt gtgaggaccc 60
 agggagaagg gggaggctgt ccctgtttga gtaggagatg agagctactg gtggctatga 120
 gtggaaagaa gtgagcagag gtgagcagaa atcccaagga ctggtgatga taggatgatg 180
 gtgggaacca ggatgggctt tgggcagacc ctgaccctc tctctgcctg tcggccacc 240
 agataataat ccctgtgttc ctgggcgagt cagtgccacc cgagatgttg gcggccactt 300
 tggctgagct ggacggatgc ctgcagctgc tcgaggacaa gttcctgcgg gaccaggcct 360

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tccttactgg | gccccgtatc | tctgtggctg | gcttgggtggc | aatcacggag | ctgaggcatg | 420 |
| agagtgccat | gggggtgcgg | ggccccgctg | gcagtgggtg | atccgggaag | ggagctgaca | 480 |
| tcccagctca | tgttgtcttt | tctggctgtg | ggaccctgtg | tgagtcactt | ctccttctga | 540 |
| gcctcgaatt | cc | | | | | 552 |

<210> 2168

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(178)

<223> similar to gi3273089 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2168

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ggcttcggcg | ctgcccgtgt | gcggagcctc | tttaaggaag | cccgagcccc | ggccccctgc | 60 |
| atcgtctaca | tcgatgagat | cgacgcggtg | ggcaagaagc | gctccaccac | catgtccggc | 120 |
| ttctccaaca | cggaggagga | gcagacgctc | aaccagcttc | tggtagaaat | ggatggtgcc | 180 |
| tctcttgacc | agctaccctc | ccaggggacc | atgaggaagc | tcagaggaaa | gacccccgcc | 240 |
| tgctcctgtc | tcacggagcc | cacagggtca | cggagggcaa | tggaggggtca | ttcgctctgc | 300 |
| tgggggttgc | ttttgcactg | aagatagaga | ccaccttttt | gagtgacttg | agcccaaagg | 360 |
| caagcgtata | tcaaacgata | ttctccacat | aacctctctg | tgccatcata | agaatagctg | 420 |
| cttcgccccc | cggatttgct | caggcctggg | aatccgctga | ctgaaggcct | cttgttgagt | 480 |
| gccagctcta | aacaagtccc | tttatgcaga | gccacagctg | tgcatgctca | gccctgccga | 540 |
| ggtcccaggc | caggctttgt | tgcttccgtt | catggaagcg | cacaggatgg | ggccgacgct | 600 |
| gtgccggtcg | tggggaaatc | tactgggga | agagaaaagc | ccaagccttg | ttggttacgt | 660 |
| cagccggtcc | atggcggtgt | cctgcggacc | ccaaagcccc | cggaaggggc | gcaagtcaaa | 720 |
| gagcactgga | gg | | | | | 732 |

<210> 2169

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(391)

<223> similar to gi4809337 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2169

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggttgcaacc | caagatagtt | gcttctagca | agcttggagc | caagagacct | aggttcaaac | 60 |
| cctgaactca | gcacaagtc | ctttacctct | ctgggcctgt | ttcttgccct | tcgtggataa | 120 |
| cataaaggca | ctgcttagcc | atcaggcact | gtgtctggct | gtagcaacta | tcattattgt | 180 |
| catcctctc | atgggctgtg | acatggggaa | aaaaaatcct | ggctgccact | ggagtgtaaa | 240 |
| cggctctggg | gttgccctct | cagaggccct | tcctgtgtc | ctcccaggca | ctgtcccaga | 300 |
| gccacccttc | aggaatccag | gcccacaccc | agctccagct | gcccgagtgg | ctcagtcgcc | 360 |
| cagcggcctc | tctgctgact | gaggtgaggg | gtaaccggc | cagaggaagc | agctgcctag | 420 |
| cctgaggaag | gtgctgggag | gggcacagaa | ctgtgtctga | accacgtgtg | ct | 472 |

<210> 2170

<211> 525

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (12)...(222)

<223> similar to gi2706522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2170

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| cggcggaatt | cgaaattaat | ggaatgacag | gtttaaatgg | atctatacaa | caaataacgg | 60 |
| tgatatcgcc | attttctttt | agtattgggtg | acaccacaga | actggaacca | tatttacatg | 120 |
| gaggcatagc | tgtccaagtt | aagactccta | aaacagtttt | ttttgaatca | ctgggagaggc | 180 |
| agttaaaaca | tccaaagtgc | cttattgtgg | attttagcaa | ccctgaggta | aataaacact | 240 |
| ttgcagggtt | gagagaggca | gcagaatcag | agatgagaat | tagtgagtga | ttatgaagtt | 300 |
| aaaatggaat | aaccatgtag | gtatctggct | gtcgggcctt | ataatgtgag | tataataaag | 360 |
| gttatactca | catatctaaa | gttgacttct | gaggattaaa | aatgtgaatt | tgtctcatag | 420 |
| aaaaaaatga | taaagtaata | ggaaaaagtt | tcacttttat | aatgatttgc | caactttgat | 480 |
| aattataaga | cgaatntcat | aacttgga | aagatgatct | tatta | | 525 |

<210> 2171

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(282)

<223> similar to gi407672 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2171
ccaccacgc gtccgcccac gcgttcgaga acgatttcca gattttactac tgccttcac 60
tagtcaagac tctgaaattc tgcccttcat tcaatctaga aattatccca agctgtatat 120
tgatggtcct tttggaagtc catttgagga atcactgaac tatgaggcca gcctctgcgt 180
ggctggaggc attggagtaa ctccatttgc atcaatactc aacaccctgt tggatgactg 240
gaaaccatac aagcttagaa gactatactt tatttggttt tggcaagaga acagacctga 300
ctatgtcaac atccagctgt acctcagtca aacagatggg atacagaaga taattggaga 360
aaaatatcat gcactgaatt caagactgtt tataggacgt cctcgggtgga aacttttggt 420
tgatgaaata gcaaaatat 439

```

```

<210> 2172
<211> 450
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (143)...(452)
<223> similar to gi3924667 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2172
ttcaggagca ctggatgcaa gtcggcaggt gtttgtgtgt ggaaatgaca gcaaagccaa 60
gcaaagagtg atggatattg ttcgtaatct tggacttact ccaatggatc aaggatcact 120
catggcagcc aaagaaattg aaaagtaccc cctgcagcta tttccaatgt ggaggttccc 180
cttctatttg tctgctgtgc tgtgtgtctt cttgtttttc tattgtgtta taagagacgt 240
aatctaccct tatgtttatg aaaagaaaga taatacattt cgtatggcta tttccattcc 300
aaatcgtatc tttccaataa cagcacttac actgcttgct ttggtttacc tccctgggtg 360
tattgctgcc attctacaac tgtaccgagg cacaaaatac cgtcgattcc cagactggct 420
tgaccactgg atgctttgcc gaaagcagct 450

```

```

<210> 2173
<211> 440
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (302)...(400)
<223> similar to gi1218058 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2173
ggaattcgat cagtagaagt ttgggggata tagaaacgaa ggtttttctaa ctttttagctt 60
tcáaggagat tgtccggttg ggaaagcaag atatgaaaaa taaatatgtc aagaatataa 120
tccaaaacaa tctaattaag tgctagaagt ttgccatgga cagacaaagt gctacttggg 180
aagggaagttc cagaaacacc acagctgggt acattcttca ccactctgag tgggtggcagt 240
gacgcgttgg ctttgtgaga atggtgtgtc ttacttgaga aagtgtgtgt gttctgcctg 300
caggcatggg actcgctgtg ctggagaagt ggcagccgct gcaaacaatt cgcactgcac 360
agtcggaatt gctttcaacg ccaagatcgg aggtatggga aaccaactca cgtggatgta 420
gaaatgcgcc agttagctct 440

```

```

<210> 2174
<211> 1032
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(732)
<223> similar to gi2529707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2174
gaaattcgcc cttccgcaaa ctcaaccctt tcggaaacac cttcctcaac aggttcatgt 60
gtgcccagct ccctaatacag gtcttgagga gcatcagcat catcgacacc ccgggtatcc 120
tgtcgggtgc caagcagaga gtgagccgcg gctacgactt cccggccgtg ctgcgctggg 180
tcgcgagcgc cgtggacctc atcatcctgc tctttgatgc gcacaagctg gagatctcgg 240
acgagttctc agaggccatc ggcgcgttgc ggggccatga ggacaagatc cgcgtgggtgc 300
tcaacaaggc cgacatggtg gagacgcagc agctgatgcg cgtctacggc gcgctcatgt 360
gggcgctggg caaggtggtg ggcacgcccg aggtgctgcg cgtctacatc ggctccttct 420
ggtcccagcc cctcctcgtg cccgacaacc ggcgcctctt cgagctggag gagcaggacc 480
tcttccgcga catccagggc ctgccccggc acgcagcctt gcgcaagctc aacgacctgg 540
tgaagagggc ccggctggtg cgagttcacg cttacatcat cagctacctg aagaaggaga 600
tgccctctgt gtttggaag gagaacaaga agaagcagct gatcctcaa ctgcccgtca 660
tctttgcgaa gattcagctg gaacatcaca tctccctgg ggactttcct gattgccaga 720
aatgcagat gaggaaactg aggcacagtg aagtagcccg ctcaagatga atgattctga 780
gtctgcactt ctagggtcct aaaagtgtat gtttctaaca ttcctcta atgtctgtgct 840
tccaactttg atattccgaa agttacttga tttctaagat cctaggattg gaacatttga 900
gaggacaaaa cttctgagat tggaatgtgt gttgtgcgga atctgccact gacggttctg 960
acttttctaag aaaacgagat taaaaataa tcaggccgag catggtggct cacatctgta 1020
atcctagcat tt 1032

```

```

<210> 2175
<211> 1221

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1222)
<223> similar to gi4378904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2175

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|------|
| gtgagagaca | tcacctccga | ctccctcagc | ctctcctgga | cagtccccga | gggccagttt | 60 |
| gaccatttct | tgggtccagtt | taagaatggg | gacgggagc | ccaaggcggt | gcgggtgccg | 120 |
| ggacacgagg | atgggggtcac | catctcgggc | ctggagccag | accacaagta | caagatgaac | 180 |
| ctgtacggct | tccacggtgg | ccagcgcgtg | ggccccgtgt | ctgctgttgg | tttaactgcc | 240 |
| ccaggaaagg | atgaagaaat | ggccccagcc | tcgacagaac | ctcccacccc | tgagcccccc | 300 |
| atcaagcctc | gcctggagga | gctgaccgtg | acagatgcga | cccctgactc | cctcagcctg | 360 |
| tcctggacgg | ttcccagagg | acagtttgac | cacttcctgg | tccagtacaa | gaatggggat | 420 |
| gggcagccca | aggcaacacg | ggtgccagga | catgaggaca | gggtcaccat | ctccggcctg | 480 |
| gagccagaca | acaagtacaa | gatgaacctg | tacggcttcc | acggtggcca | gcgtgtgggc | 540 |
| cccgtgtctg | ccattggggg | gacagctgca | gaggaagaaa | ctcccacccc | cacagaaccc | 600 |
| agcatggagg | ccccggagcc | ccctgaggag | ccgctcctgg | gggagctaac | agtgaacagga | 660 |
| tcctccccctg | actcgtctgag | cctctcctgg | accgtcccc | agggccgctt | cgactccttc | 720 |
| accgtgcagt | acaaggacag | ggacggggcg | ccccagggtg | tgcgtgttgg | gggcgaggag | 780 |
| agcgagggtca | ccgtgggggg | cctggagcct | gggcgcaa | acaagatgca | cctgtacggc | 840 |
| ctccacgagg | ggcggcgtgt | gggcccgggtg | tccaccgtgg | gcgtgactgc | cccacaagag | 900 |
| gatgtggacg | agacccccag | ccctacagaa | ccaggcacag | aggccccaga | gccccccgag | 960 |
| gagcctctcc | tgggggagct | gacagtgcga | ggatcctccc | ctgactcgct | gagcctttcc | 1020 |
| tggaccgtcc | cccaggggcg | ctttgactcc | tccaccgtgc | agtacaagga | cagggacgga | 1080 |
| cggccccagg | cgggtgcgtgt | tgggggccag | gagagcaagg | tactgtgag | gggcctggag | 1140 |
| cctgggcgca | agtacaagat | gcacctgtac | ggcctccacg | aggggcggcg | cctaggcccc | 1200 |
| gtgtctgcc | ttgggggtgac | g | | | | 1221 |

<210> 2176
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(1273)
<223> similar to gi5824511 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2176

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| tttcgtgtga | catggcggag | gccgcggcgc | tgggtgtggat | tcgcggccct | ggcttcgggt | 60 |
| gcaaggcggt | gcgggtgtgcc | tcgggtcggt | gcaccgtccg | ggattttatc | caccggcact | 120 |
| gccaaagatca | gaatgttcca | gtggaaaaact | tctttgtgaa | atgcaatgga | gcactcatta | 180 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| acaccagtga | cacagtgcag | catggagctg | tttatagttt | ggaacccaga | ctttgcggtg | 240 |
| gaaaaggagg | ttttggatct | atgctccgag | cacttggtgc | tcagattgag | aagacaacca | 300 |
| atcgagaagc | ttgtcgggat | ctcagtggaa | ggagactacg | cgatgtcaat | catgaaaaag | 360 |
| caatggctga | atgggtaaaa | caacaagccg | agcgagaggc | tgaaaaggag | cagaagcggc | 420 |
| tggagcgact | gcagcggaa | cttgtagaac | ccaagcactg | cttcaccagc | cccgactacc | 480 |
| agcagcagt | ccatgagatg | gctgagcgtc | tggaggattc | cgtcctcaaa | ggtatgcagg | 540 |
| ctgcctccag | caagatgggt | tcagcagaaa | tcagtgagaa | tcggaaacgg | caatggccta | 600 |
| ctaaatctca | aacagacaga | ggagccagt | cgggaaagag | gagatgcttc | tggttgggca | 660 |
| tggagggact | agagactgca | gaagggtcca | actctgagag | ttcagatgat | gacagtgaag | 720 |
| aagcaccaag | cacttcagga | atgggtttcc | atgctccaaa | aattggtagc | aatggtgtcg | 780 |
| agatggcagc | caaatttccc | agtggttctc | agagggcgag | agtagtgaat | acagaccatg | 840 |
| gatcaccaga | acaactgcag | atcccgggtg | ctgactctgg | gaggcatatt | ttagaagact | 900 |
| catgtgctga | gctgggggag | tccaaagagc | acatggaaa | caggatgggt | acagaaacag | 960 |
| aagagacca | ggagaagaag | gcagagagta | aagaacccat | agaagaggag | cccactgggg | 1020 |
| ctggactgaa | taaggataaa | gagacagaag | aaaggactga | tggggaaaaga | gttgcctgag | 1080 |
| tagcacctga | agaaaaggaa | aacgttgcgc | ttgccaaact | gcaggaaaagc | cagccaggaa | 1140 |
| acgcagttat | tgataaggaa | actatagatt | tattggcggt | cacctctgtt | gcagaactgg | 1200 |
| agttgctggg | tttggagaag | ctcaaattgt | aactgatggc | ccttggactg | aaatgtgggg | 1260 |
| gcactctgca | gaa | | | | | 1273 |

<210> 2177
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(163)
 <223> similar to gi3025832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|--|
| <400> 2177 | |
| ccccggcgag | gggggggggg gttttccccc cccccccca aaaaattttt tttttccccc 60 |
| aagcccccta | aatttttttg gggggggggg gcccaaattc cccccccca aaaaaggtt 120 |
| tttttcaaaa | aaccccccg ggttttttaa aacccccccc aaaaaaaaaa 170 |

<210> 2178
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (314)...(491)
 <223> similar to gi3360512 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2178
ccgacgattt cgtgaggcgg cagccagggtg gggttccagc cagagcacgc acgcacggag    60
ccgggagcat gcagcctgca ctgcggggga tgtgatgctc ggctctaact cgcctggctg    120
gcccgccacg gacgcctcag cttgcaacca tggtaacgtt tctggcgggg gacacccccg    180
ggagcccacc gcgatgggca gcctcctggt gactgatgga cgagtgtcca cctcccagac    240
cgagagcgct tagtaggtcg gaggaagtgg agaggatgta acacgcccc agccgggagt    300
gaagccctga ggagctcctc cccccttcgt tcccaccctc aagtctgacg atgacacctc    360
caattttgat gaaccaaaga agaattcgtg ggtttcatcc tctccgtgcc agctgagccc    420
ctcaggcttc tcgggtgaag aactgccgtt tgtggggttt tcgtacagca aggcactggg    480
gattcttgg
489

```

```

<210> 2179
<211> 457
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(458)
<223> similar to gi3712831 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2179
cgacgatttc gtgtgggcac cgaggaggag ctgccgcggc tggttcgccga ggagatggag    60
aatgaggacg agatgtcaga agaagaagat ggtggtcttg aagccttcga tgactttttc    120
cctgtggagc ccgtgagcct tcctaagaag aagaaaccca agaagctcaa ggaaaacaag    180
tgtaaagggg agcgggaagaa gaaagagggg agcaatgatg agctatcaga gaatgaagag    240
gatctggaag agaagtcgga gagtgaaggc agtgactact ccccgataaa aaagaagaag    300
aagaaactca aggacaagaa ggagaaaaaa gccaagcgaa aaaagaagga tgaggatgag    360
gatgataatg atgatggatg cttaaaggag cccaagtcct cggggcagct catggccgag    420
tggggcctgg acgacgtgga ctacctgttc tcggagg
457

```

```

<210> 2180
<211> 493
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (38)...(393)
<223> similar to gi190897 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2180
tttcgtcgag cgccttgccg acctccacgc tgccctgcgcc ccgcgcgcga aggtggcgct    60
cctcttgagg gtgtgcagag atgtctatgc gggcctggct cgaggcgaga accaagatcc    120
cctggggggcc gacgccttcc tgccggcgct gaccgaggaa ctcatctgga gcccgacat    180
tggggacacg cagctggacg tagagtttct tatggagctc ttagatccag atgagctgcg    240
gggagaggct ggggtactacc tgaccacgtg gtttggggcg ctgcaccaca ttgcccacta    300
ccagcccga aacagaccgc ctccccgggg gctcagctcc gagggccgcg cctccctgca    360
ccagtggcac cgcaggcgga cgctgcacag aaaggatcat ccagagccc aacagctgga    420
ctgaccctgg ctggtcgaag agccctggcc agatgtcctg tggacagacc caatttctgg    480
cctcgtctgc tgg                                         493

```

```

<210> 2181
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(457)
<223> similar to gil742441 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2181
ggaaatagat attatctata aaatcctgct ggattctgat ttaggcagta gtttgcctct    60
aagccaggct gattttggcc tgtggtttaa ccataaaggc cgacattatt ttagtggtat    120
tgccgaagta ggccatatct cccgtctgat tcaggatttc gacggtatct tcaatcaaac    180
catgcgtaac accagaaatt tgaataacag aagtcctgcg gtgaaatttt tattacagat    240
aagaaatacc gtatcgcaaa ttattacctt gctgcgtgaa ttgtttgaag aagtatcgcg    300
ccacgaagtc ggtatggatg tactgacgaa attacttaac cgccgtttcc taccgactat    360
cttcaaacgc gaaattgccc atgccaacgc gaccggtaca ccgctgtcag tgctgattat    420
tgacgttgat aaattcaaag agatcaacga tacgg                                         455

```

```

<210> 2182
<211> 991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(992)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (3)...(85)
 <223> similar to gi4884158 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2182

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgccctgggg | ccggggccgg | gcggcaccgc | ggtgcgcaag | cgcaaccgtc | ggtgggtcgg | 60 |
| ggatcggtcg | cctgagaggt | gagtggggg | cactgcgctg | agcctgggtg | gtctggggtc | 120 |
| tgcggtcgg | ggcccacggg | gccccaaagc | tcgtaagagt | ttggggatcg | tgaggccagg | 180 |
| gtcaccgcga | cccgcgggg | cctgtgagta | ggcgggtcgg | aggggaaact | gaggccgggc | 240 |
| gccatcgggc | aggcccttcg | agccctgata | tcccttcccc | aggccccagg | tcctggaaat | 300 |
| gctgggtccg | ggcctgggtg | cgaggacggc | gggaggggaa | ggcgccccgc | atgtagtgag | 360 |
| cgctcgctgg | gtgttcgctg | ccgttccgct | cttattaacc | gcctggaaac | gtcgtccctg | 420 |
| tgactcaggg | acccccgttt | gtggggactg | aagtcggaac | tctgggtcca | gcgccgccag | 480 |
| tccctacctg | ggtgaccttg | cccagcctct | tggcttctcg | gagcctcagt | tttcccctct | 540 |
| gtaaaaacgg | cgttgttcaa | aagtccctgc | ctaggagaag | gagagccgca | gggtccagcg | 600 |
| gaatctgaga | actccaaaga | attagcaggc | gttcgtctta | tatcatgttt | agagtcttct | 660 |
| tctgcataat | gggctagagg | tgggggaaat | ctgggattca | ggaccgtcca | ccaccacctc | 720 |
| ccaccgcctg | tgtaaacctg | ggtgagtcct | cttccctctc | tgagctaact | gttccttctt | 780 |
| tcgcaaacga | ggtgtaaaag | cagatgcctc | ggagggtcat | tatgaggata | aaccacatt | 840 |
| caattatttg | atcaggcgcc | tggaaactga | taagagagag | ctggcttgag | aatagctggg | 900 |
| cttgctatta | ggtgccagaa | aactgcagtg | tantgtgccc | ctcagagggt | gaatgattgg | 960 |
| cccattttct | tttggttctg | tctctgatta | t | | | 991 |

<210> 2183
 <211> 530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (138)...(530)
 <223> similar to gi403440 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2183

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gtccctacag | cagcccctcg | gagcaagtcc | tcctggggagg | gcccagccac | ctggcctctg | 60 |
| aggaggagag | ccagggggcg | tcagcccaac | ccctgcccag | cacaaagacc | ttcgcatctc | 120 |
| agacacagat | ccagaggggc | cgcttcagcg | tggtgcggca | atgctgggag | aaggccagcg | 180 |
| ggcgggcgct | ggccgccaag | atcatcccct | accaccccaa | ggacaagaca | gcagtgtctg | 240 |
| gcgaatacga | ggccctcaag | ggcctgcgcc | accgcacct | ggcccagctg | cacgcagcct | 300 |
| acctcagccc | ccggcacctg | gtgctcatct | tggagctgtg | ctctggggcc | gagctgtctc | 360 |
| cctgcctggc | cgagagggcc | tcctactcag | aatccgaggt | gaaggactac | ctgtggcaga | 420 |
| tggtgagtgc | caccaggtac | ctgcacaacc | agcacatcct | gcacctggac | ctgaggtccg | 480 |
| agaacatgat | catcaccgaa | tacaacctgc | tcaaggctcg | ggacctggca | | 530 |

<210> 2184
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (610)...(806)
 <223> similar to gi53041 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2184
agtgcacctgg aaacaagttc tgatccagaa ggtgaggatt gggatgagga agctgaggat      60
gatgggttttg atagtgatag ctactgtgca gactcagacc ttgaacaaga ccctgaaggg      120
cttcacctttt ggaactcttt ctgcagtgtg gatccttata atccccagaa ctttacagca      180
acaattcaga ctgctgccag aattgttcct gaagagcctt ctgattcaga gaaggatttg      240
tctggcaagt ctgatctaga gaattcctcc cagtctggaa gccttcctga gacccttgag      300
catagttctg gggaggaaga tgactgggaa tctagtgcag atgaagcaga gagtcttcaa      360
actgtgggaa cttcattctg ttaattctgg atggaccctt acaacccttt aaattttaag      420
gctccttttc aaacatcagg ggaaaatgag aaaggctgtc gtgactcaaa gaccccatct      480
gagtccattg tggccatttc tgagtgtcac accttacttt cttgtaagggt gcagctgttg      540
gggagccaag aaagtgaatg tccagactcg gtacagcgtg acgttccttc tggaggaaga      600
cacacacatg tcaaaagaaa aaaggtaacc ttccttgaag aagttactga gtattatata      660
agtggtgatg aggatcgcaa aggaccatgg gaagaatttg caagggatgg atgcaggttc      720
cagaaacgaa ttcaagaaac agaagatgct attggatatt gcttgacatt tgaacacaga      780
gaaagaatgt ttaatagact ccagggaaca tgcttcaaag gacttaatgt tctcaagcaa      840
tgttgagttg gcagcctgta gtcctagcta gcatacacta cct                        883

```

<210> 2185
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> similar to gi4063614 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2185
ctgggaaaca cagttctaca ctactgtagt atgtacagta aacctgagtg tttgaagctt      60
ttgctcagga gcaagccac tgtggatata gttaaccagg ctggagaaac tgccctagac      120
atagcaaaga gactaaaagc taccagtggt gaagatctgc tttcccaggc taaatctgga      180

```


| | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|-----|
| aagttcaatc | cacacgtcca | cgtagaatat | gagtgggaatc | ttcgacagga | ggagatagat | 240 |
| gagagcga | atgatctgga | tgacaaacca | agccctgtca | agaaagagcg | ctcaccacaga | 300 |
| cctcagagct | tctgccactc | ctccagcatc | tccccccagg | acaagctggc | actgccagga | 360 |
| ttcagcactc | caagggacaa | acagcggctc | tcctatggag | ccttcaccaa | ccagatcttc | 420 |
| gtttccacaa | gcacagactc | gcccacatca | ccaaccacgg | aggctcccc | tctgcctcct | 480 |
| aggaacgccg | ggaaagggtcc | aactggccca | cctatcactc | cccataga | | 528 |

<210> 2186

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(158)

<223> similar to gi401774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2186

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cggccgcgct | tacggcatat | tctttttttg | gaactgtgga | gaatatggct | ccaaaagtgg | 60 |
| ttaatcgctc | aggtcatact | cagagtgtctg | actgggggtc | ttttgggggg | ttaatgggaa | 120 |
| ggtttgaatt | tgggattttt | ttaaagggga | aggagattgt | taagttagga | tcaacaggga | 180 |
| atggtaaaga | aactgggggt | tttattttct | ttattttatg | ccctatgtaa | taaataacca | 240 |
| aaaaacatta | ttgctgtcag | tataaaagga | ctatgaaatc | tgtagctgc | gtctatctca | 300 |
| tcctaatttg | aaagggcaaa | aaaaaatatt | accatagatt | tcctgcta | agtaacaatc | 360 |
| taaagcatta | atggtgttgg | gtcttttgg | | | | 389 |

<210> 2187

<211> 568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(570)

<223> similar to gi1755049 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2187

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cgcccacacc | attgactgcg | ctgcacgaat | tcggcacgag | gttcaacagg | cagtagacag | 60 |
| cagggactcc | ctggccatgg | ctctgtatgc | gtgctgcttt | gagtgggtaa | tcaagaagat | 120 |
| caacagcagg | atcaaaggca | atgaggactt | caagtctatt | ggcatcctcg | acatctttgg | 180 |
| atttgaaaac | tttgagggtta | atcactttga | acagttcaat | ataaactatg | caaacgagaa | 240 |

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| acttcaggag | tacttcaaca | agcatat | ttcttttagaa | caactagaat | atagccggga | 300 |
| aggattagtg | tgggaagata | ttgactggat | agacaatgga | gaatgcctgg | acttgattga | 360 |
| gaagaaactt | ggcctcctag | cccttatcaa | tgaagaaagc | cattttcctc | aagccacaga | 420 |
| cagcacctta | ttggagaagc | tacacagtca | gcatgcgaat | aaccactttt | atgtgaagcc | 480 |
| cagagttgca | gttaacaatt | ttggagtgaa | gcactatgct | ggagagggtgc | aatatgatgt | 540 |
| ccgaggatc | ttggagaaga | acagagat | | | | 568 |

<210> 2188
 <211> 541
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (7)...(541)
 <223> similar to gi298642 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------------|-----|
| <400> 2188 | | | | | | | |
| aggaagcctg | gagagcctgg | attcaaagga | gaaaggggag | at | tttgttat | caaaggtgac | 60 |
| aaaggacctc | ctggtggaaa | aggccagcct | ggggaccctg | gaatcccagg | ccacaaaggc | | 120 |
| cacacaggcc | tgatgggtcc | ccaaggacta | cctggggaga | atggaccagt | tggacccccca | | 180 |
| gggcctccag | gccagccggg | atttccagga | ctgagggggg | agtctccatc | catggaaacc | | 240 |
| ctgcgtcggc | ttattcaaga | agagctgggg | aagcagcttg | aaaccagact | cgcctacctc | | 300 |
| ctggcccaga | tgcccccggc | gtacatgaag | tcattctcaag | gcagacctgg | gccccagggg | | 360 |
| ccccctggaa | aagatgggct | tccaggccgg | gccggcccca | tgggggagcc | aggtcgtcct | | 420 |
| gggcaggggg | gtctggaagg | accctctgga | cccataggtc | ccaaaggtga | gcaaggagcc | | 480 |
| aaaggtgacc | caggtgcaac | tggagttggc | ctncgaggcg | agatgggacc | cccttggaat | | 540 |
| t | | | | | | | 541 |

<210> 2189
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (510)...(4)
 <223> similar to gil237278 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2189
 ggtcaaaacc catgtttcta ataaatatgg gactgatttc atctgtncctt cattactcac 60
 acaagaacag aaatcatgca ttagggaaaa accttacaga tatattgagt gcgacaaagc 120
 cttgaatcat ggctcacaca tgactgtacg tcaggtaagt cattctggag agaaaggata 180
 taaatgtgat ctgtgtggca aggtcttttag tcaaaaaatca aaccttgccg gtcattggag 240
 agttcatact ggagagaaac catacaaatg taatgaatgt gacagaagtt tcagtcgcaa 300
 ctcatgcctt gcactacatc ggagagttca cactggagag aaaccttaca aatgttatga 360
 gtgtgacaag gtcttcagtc gaaattcatg ccttgacta catcagaaaa ctcatattgg 420
 agagaaacct tacacgtgta aagagtgtgg gcaagccttt agtgtgaggt caacacttac 480
 caaccatcag gtaattcata gtgacaagaa 510

<210> 2190
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(119)
 <223> similar to gi577295 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2190
 ggggtttgtt ttcttccagg ccccatgtct gtgggttttg acttctctct gccagggcatg 60
 gagcatgtct atgggatccc tgagcatgca gacaacctga ggctgaaggt cactgagtga 120
 gtccatgggt gacatcagga agatggaggt gggcaggaag gagtcaggcc tttagggaga 180
 tgggtgtgca tattggatac tctaggcaag catgggtcat ttcttgtgtc cagaatcacc 240
 tttggtgata gaaaattttt tgagaaagga caagaggagc ctttgcttat ctctcacctg 300
 tgtctgtgga gtggtgttag catataacgc agcctggggc cagttagcag cccaagtctg 360
 tctgtttgcc tgcaggggtg gggagccata tcgcctctac aatttggtg tg 412

<210> 2191
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (2)...(456)

<223> similar to gi2914719 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2191

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|-----|
| ctctgtgaaa | agacaacctg | gctttgggca | gacaactgct | aaaagacacc | ctagccaagg | 60 |
| acagcaggct | gtgggtcaaa | ctgctctcag | catcttgcta | aataaagctg | tactgcatgg | 120 |
| ctgtccccctc | cccagagcag | agctagacca | gcatacagct | gatttcaaag | gaggaagttt | 180 |
| ccctttatcc | atagttttcca | gttataacac | ttgtaacaag | aagaaaggag | agagtgggtgc | 240 |
| ctggagaaaag | gtgaacaaca | gtcctcgcag | gaagtctggc | cgcttctctt | taccacacctg | 300 |
| gaataagcca | gacctaagca | ctgaagggtat | gaaaaataag | actatatcac | agctgaattg | 360 |
| taacaggaat | gcttctctgt | caaaacaaaa | gtctttagag | aatgatctat | cactgacggt | 420 |
| gaatttggtg | cagagactct | ctctgggttc | agat | | | 454 |

<210> 2192

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(867)

<223> similar to gi4240205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2192

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| atccggtaga | tgttcagtac | gtgggagctg | tgttttacat | aagttttctc | attccaatgc | 60 |
| tgaaaacaga | gaaaaagatt | gaatgtcatg | cctgcatcga | cagcacatat | actaaaattg | 120 |
| gaatgataca | gagaagatta | gtatggcccc | tgcgcaagga | tgacacgcaa | atttgtgaag | 180 |
| cgttccatat | ttttaaaatc | ttcaaatact | tctgtaacaa | ctgatttctc | cgaaagcctt | 240 |
| cagagttcta | atattgaatc | caaagaaatc | aatggaattc | atgatgaaag | caatgctttt | 300 |
| gaatcaaaaag | catctgaatc | catttctttg | aaaaacttaa | aaaggcgatc | acaatttttt | 360 |
| gaacaaggaa | gctctgattc | ggtggttctt | gatcttccag | ttccaaccat | cagtgccccg | 420 |
| agtcgctggg | tgtgggatca | agaggaggag | cggaagcggc | aggagagggtg | gcagaaggag | 480 |
| caggaccgcc | tactgcagga | aaaatatcaa | cgtgagcagg | agaaactgag | ggaagagtgg | 540 |
| caaagggcca | aacaggaggc | agagagagag | aattccaagt | acttgatga | ggaactgatg | 600 |
| gtcctaagct | caaacagcat | gtctctgacc | acacgggagc | cctctcttgc | cacctgggaa | 660 |
| gctacctgga | gtgaagggtc | caagtcttca | gacagagaag | gaacccgagc | aggagaagag | 720 |
| gagaggagac | agccacaaga | ggaagttggt | catgaggacc | aaggaaagaa | gccgcaggat | 780 |
| cagcttggtta | ttgagagaga | gaggaaatgg | gagcaacagc | ttcaggaaga | gcaagagcaa | 840 |
| aagcggcttc | aggctgaggc | tgaggg | | | | 866 |

<210> 2193

<211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> similar to gi2978255 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2193

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctcttggtgc | tggagcagtt | attgggcaca | ctgctcccag | agatccaggc | ctacacgcag | 60 |
| gagcagtggc | taggcagccc | tgaggaggcc | actgccctgg | cagagcggct | acagcaggag | 120 |
| tcagctgggc | caggactcca | gatgagtggg | ggctgggtctg | ggggctgggt | gtgcttcccc | 180 |
| tgctcacgac | cccagttgag | ccagcactgg | ggccagtcgt | gggttggtgg | ctgagagggc | 240 |
| ctgggggctg | tgggaaagt | atggtgacag | gtgggagttt | gggtggtctt | gcttggaagg | 300 |
| cagagtcaga | gatctccagt | cacacctgtg | tgctccgcat | tgtgtcctga | gaactgaagg | 360 |
| tgcagagaag | ggtgggtcat | gccaccgcat | gccccttggt | ttctcctcag | atctgctagg | 420 |
| ctgaacacc | | | | | | 429 |

<210> 2194
 <211> 1878
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(1123)
 <223> similar to gi3882301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2194

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ctgctgactg | ttttcagttg | tttctgtaac | agcagaaagt | gcactcacta | ggagtagtca | 60 |
| gaattcaaaa | tgctgaagag | aaagccatcc | aatgtttcag | agaaggagaa | acatcaaaaa | 120 |
| ccaaagcgaa | gcagcagttt | tgggaatttc | gatcgttttc | ggaataattc | tttatcaaaa | 180 |
| ccagatgatt | caactgaggc | acatgaagga | gatcccacaa | atggaagtgg | agaacaaagt | 240 |
| aaaacttcaa | ataatggagg | cggtttgggt | aaaaaaatga | gagctatttc | atggacaatg | 300 |
| aagaaaaaag | tgggtaaaaa | gtacatcaaa | gccctttctg | aggaaaagga | tgaggaagat | 360 |
| ggagagaatg | cccaccata | tagaaacagt | gaccctgtga | ttgggacca | cacagagaag | 420 |
| gtgtccctca | aagccagtga | ctccatggat | agtctctaca | gtggacagag | ctcatcaagt | 480 |
| ggcataacaa | gctgttcaga | tggtacaagt | aaccgggaca | gctttcgact | ggatgacgat | 540 |
| ggcccctatt | caggaccatt | ctgtggccgt | gccagagtgc | atacggattt | cacgccaaagt | 600 |
| ccctatgaca | ctgactccct | caaaatcaag | aaaggagaca | tcatagacat | tatttgcaaa | 660 |
| acaccaatgg | ggatgtggac | aggaatgttg | aacaataaag | tgggaaactt | caaattcatt | 720 |
| tatgtggatg | tcatctcaga | agaggaagca | gcccccaaga | aaataaaggc | aaaccgaagg | 780 |
| agtaacagca | aaaaatccaa | gactctgcag | gagttcctag | agaggattca | tctgcaggaa | 840 |
| tacacctcaa | cacttttgc | caatggttat | gagactctag | aagatttaaa | agatataaaa | 900 |

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| gagagtcacc | tcattgaatt | aaatattgaa | aacccagatg | acagaagaag | gttactatca | 960 |
| gctgctgaaa | acttccttga | agaagaaatt | attcaagagc | aagaaaatga | acctgagccc | 1020 |
| ctatccttga | gctcagacat | ctccttaaat | aagtcacagt | tagatgactg | cccaagggac | 1080 |
| tctgggttgc | atatctcatc | aggaaattca | gataatggca | aagaggatct | ggagtctgaa | 1140 |
| aatctgtctg | acatggtaca | taagattatt | atcacagagc | caagtgactg | aacacgcatt | 1200 |
| cccaactata | tatctacaga | tgcattccat | tttaactctt | cttgagctaa | aacgtcaaat | 1260 |
| aggagaggaa | gataagataa | atatttgtaa | ataaaaaccta | aagtttaaat | gttttaaatct | 1320 |
| gaataattgt | acataaaaatt | ttgtatctct | aacattccaa | attactgtca | ataaaaatata | 1380 |
| tattttattat | tttaaatgct | atgtgttaat | atttcacttg | cttgtattag | aaaggcaaaa | 1440 |
| tgtaagactt | tgggtatgtg | gacatatgct | ttatttggct | ttattttaca | agtacagtat | 1500 |
| ctgcaaaaaa | caaagtaacc | ttttttcata | cctgccagtt | ttgaatttat | atatgttatt | 1560 |
| gaacaaatag | taatagagga | ttcgtgtgtg | aaacaagttg | tccaagcaat | gttatattca | 1620 |
| tttttatact | tattgggaaa | gtgtgagtta | atatgggaca | cattttatcc | tgatccccag | 1680 |
| tggagtttta | gtaattatat | tttgggtgatt | tcttcttttt | gttttctggg | ataaaaagtag | 1740 |
| agataatggg | tagtcccttc | tgatttagtg | aaacccattg | taataattgt | ggaaatgttt | 1800 |
| tgtctttaag | tgtaaatatt | ttaaaatttg | acatacccta | atgttaataa | taaaaagaac | 1860 |
| tatttgcaaa | aaaaaaaa | | | | | 1878 |

<210> 2195

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(509)

<223> similar to gi4759365 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2195

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| gaacttattc | ctgcccagag | ttcagacaca | gccagaaatt | accatttcat | acttcacaga | 60 |
| atggagggtt | cagcagccaa | agccccaaagt | gccgcagact | tgtctgagat | tgaaataaag | 120 |
| aaagagatga | agaaagaccc | tctcaccaac | aaagctccag | aaaagcccct | gcacgaagtg | 180 |
| cccagtggaa | actctttgct | gtcttctgaa | acgattttta | gaaccaataa | gagaggcgag | 240 |
| cgacggaggc | gccggtgcc | ggtggcattc | agctacctgc | cccagaatga | cgatgaactt | 300 |
| gagctgaaag | ttggcgacat | catagagggt | gtaggagagg | tagaggaagg | atggtgggaa | 360 |
| ggtgtttctc | acgggaagac | tggaatgttt | ccttccaact | tcatcaagga | gctgtcaggg | 420 |
| gagtcggatg | agcttggcat | ttcccaggat | gagcagctat | ccaagtcaag | taaggaagtc | 480 |
| taccctacca | agcaggagag | gggcggggga | cgggcaggct | gtgctccagc | ctcccttctg | 540 |
| ttctgtatcc | tatgccgaga | ggctatagta | aacgcttacg | agtatttttt | tgggtataact | 600 |
| gccttaaccc | actgtgggtt | aggaagttga | tcctataaaa | ggtgtgaccc | gtagccacac | 660 |
| attctgtatg | tctctggata | ggtaactgcc | agccttcatg | ccctggtaat | actgtctcat | 720 |
| gggtggccca | tgttgctgtg | cctccatata | cttctagagt | gttgcttact | gtaagttcat | 780 |
| aattatttaa | aaaatgaacc | aaatgggatt | gtcagtattt | ctcagcatcc | cttgagggac | 840 |
| ttggagaaaa | attacc | | | | | 856 |

<210> 2196
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(434)
 <223> similar to gi537186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2196

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| ttattttaccg | aaagagcata | tgacttttttc | tttaatcacg | gatgcctgga | tttgcccggg | 60 |
| aaccaataaaa | atcctggata | cggtcttttaa | aggcttaacc | ccttatctgc | ctacccatat | 120 |
| ttcgttcgag | catcttacc | tggtcgcaata | tgacactttt | gtcgcgcaga | aagtcacaa | 180 |
| gccggaaatc | tggaagctgg | atcggttcaca | ggaagactac | gcagaggggc | tggtcaaaagc | 240 |
| acgcgactgg | gtcagccatg | atccgctgat | cgcacaattg | cggtcggaaa | acgtctggac | 300 |
| agacattaac | gatcgtgtcg | tggaaggcgg | cttctactat | cgtactgccg | agcactctgc | 360 |
| ccagcagtcg | tcagaacgtc | tgcaaagcta | tgaaaagatg | ttcaagaatg | ggcaactaaa | 420 |
| tggtctcaac | tg | | | | | 432 |

<210> 2197
 <211> 2018
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(1302)
 <223> similar to gil928995 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2197

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| cttgccggccg | cggtgtccct | ggaagaggcc | ctactgcgcc | tcgccgagtt | cctctccgtc | 60 |
| cagctggggg | cggaagagag | ctgcgggggc | ccggcggacc | tggtccagtc | tggtcaggtc | 120 |
| ccctcactgt | tgacagtgc | cagtcagctc | ttggcccttc | tggtatggct | tcgaagcccc | 180 |
| agggggaggc | aggccctgct | ccagggggact | cagccagccc | ctcgggtccg | gccccctct | 240 |
| ccagatggat | ccacatccca | agaagaaaagc | ccttccact | tcaccgcagt | cccaggcgag | 300 |
| ccactggggg | atgagaccca | gggacagcag | cccctccagt | tggtaggagg | tcagagggcg | 360 |
| tggtcagcgc | tggtcagcgc | catcctggga | cagctggagg | agctgaagca | gcagctggaa | 420 |
| cagcaggagg | aggagttggg | tcgactgcgc | ctgggcgtgg | gggcgacgga | ctcagagaaa | 480 |
| agggttcagc | atctgactct | ggagaacgag | gccctgaagc | agagcctgag | tctcatgcgg | 540 |
| gacctcctgc | tgcaactggg | ccccgggccc | cccatcaggg | ctccgcagga | ggaggcggag | 600 |
| gcattgctag | agctccaggg | ccggcttcag | gaggcccaag | acaccacaga | agccctccga | 660 |
| gccagctgg | gggtgcagga | ggtgcagctg | cagggccttc | aaggggccct | ccagcagctc | 720 |
| cagcaggaga | cggagcagaa | ctgcaggcgt | gagctacagc | agatgcatgg | gcagctggca | 780 |
| ggacttcggg | cacggatggc | cagcctgcgt | cagggcgtgc | gggacctccg | agggttggtc | 840 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| agcaccttta | cccagagctg | tcagggttcg | ctgagtgagg | cccggggcca | ggtgtcctgg | 900 |
| gccttggggg | cactgtcatc | tggagggcct | ggcactcagc | tccctgaggg | gcagcaaggg | 960 |
| ccccagccg | gatgcccagg | gcggctgcc | gaactcaagg | gaaatatccg | tgtgctgtgt | 1020 |
| cggctgaggc | cagggacatc | ttctagcctt | gtgagtgtgg | agcctggccc | agggggcacc | 1080 |
| gtcaccacct | gctaccgggg | gcgccatcgt | cgattccgcc | tagactgggt | cttcctccca | 1140 |
| gacgccagcc | aggaggaggt | cttcagagag | ctggaacctg | cggtgctgtc | ctgcctccga | 1200 |
| ggctacagcg | tctgcatctt | cacctatggc | cagacaggca | ccgggaagac | ctacagcatg | 1260 |
| gagggccctc | ctgaggaccc | cggcatagtt | cccagggcac | aagctcccta | gcctctttgg | 1320 |
| atccattgcc | cctgagctcc | cagagtcacc | cctccacctc | cgagccagt | gaagtgtgtt | 1380 |
| gtgctgctg | aagtgatcac | cccccgcccc | cagccctgca | tcaggccaca | ggtcttggct | 1440 |
| ttctccttat | caccatttgc | tgttatcacg | gcacacagca | gggaatcca | ggcccccccg | 1500 |
| ccaagtgggt | acccaagtca | ccactcctga | cccaaaaatc | aggcatggca | ttaaaacgtt | 1560 |
| gcaaattcct | ttactgttat | cccccccacc | accaggacca | tgtagggtgc | agtctttact | 1620 |
| ccctaaccgg | tttccgaaa | aaggtgctac | ctcctttcca | gacagatgag | agagggcagg | 1680 |
| acttcaggct | ggatccacca | ctgggctctc | cctccccag | cctggagcac | gggaggggag | 1740 |
| gtgacggctg | gtgactgatg | gatgggtagt | gggctgagaa | gaggggacta | ggaagggcta | 1800 |
| ttccaggctc | agccctgctc | ctgcagcttt | gccgctgagt | gtaggaaaaa | caggcatgac | 1860 |
| agaccagggg | gagggttgtg | cccagctggg | ccacggccat | gcgtgggggtg | gccaataaaa | 1920 |
| caccgtggac | tcccagcaag | gctgctgcct | ggtgtttcga | ggctgctgtg | gtcgcagaca | 1980 |
| gccgcctcgc | cttggtctcc | tgtcaacaag | gtgggggt | | | 2018 |

<210> 2198

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(136)

<223> similar to gi1136424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2198

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| ggggaggcag | gagggcgttg | ccgccaaaggc | cctggagccc | atcttctctgc | ccgtggccga | 60 |
| gctgcatggg | ctgccccggc | atgcgactga | tgagcggggc | aagccgtctg | agcaactgac | 120 |
| cccaaccgga | gcaggtacct | gggcgtgggt | gggctgtgct | gggcaaggctc | tcaaccaccc | 180 |
| gcggggagga | gccctgaatc | gcagcacctg | ccggttgccg | tggtgtaaat | gttccccagc | 240 |
| tgagttcgcc | ctaaaagcgt | ggtgtggctg | aacatggagt | agggagcaga | ggcatgttgg | 300 |
| cacacgatgt | agacacagtg | gatatagctg | accccaggag | gacagttgtg | aaatgtagcc | 360 |
| ggggcattag | gaagggatgt | tttgagtgtc | tcgttgattt | tatttctctg | taagtttacg | 420 |
| aaacaattgt | ccagtaataa | caaccagctt | ttgcatgttt | cccggaaatt | taatagtctg | 480 |
| ctctttgagc | cagcatgagc | tggctctggc | accgcactgg | ctgggcaaga | gttttgccag | 540 |
| ccagccacgg | agcgtttcct | tccagggaca | agacatgctt | cttgaaagct | cccgtagggc | 600 |
| cccttctgaa | tatcttgggt | ctggctgcgg | gaagaaccct | ttggaagggc | tctggtttct | 660 |
| ctgtgcagtt | gggtgagaga | ggacggggag | ggagc | | | 695 |

<210> 2199
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(130)
 <223> similar to gi5771350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2199
 gagctccaat gacctcatgg acaagatcga gagcccagag ccggaagaca cacaagatgg 60
 tctgtaccgc cagggtgccc ctgagttcag ggtggcctcc agtgtggagc agctgaacat 120
 catagagatc aaaaataaga tcttcacctt gtgcccagcc tgtctgctgt ccctgaagat 180
 aaaaagacga aaagggagga agcgacagtc gtctaggcag aagtgatgtg gccgtggccg 240
 acaagatggc cccgcgggag gcaggcggag ctcagtgtgt ccaataaaac tgtcttggtg 300
 gagcgccaaa aaaaaaa 317

<210> 2200
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(434)
 <223> similar to gi5106572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2200
 aattcccggg tcgacgattt cgtaaggttt tgaggccttt tttactgcgc cgagttaagg 60
 tggatgttga gaagcagatg cccaaaaagt acgagcatgt tatccgctgc aggtctcca 120
 agcgtcaacg ctgtctctat gatgacttca tggcacagac cacaactaag gagacactag 180
 ccacaggcca tttcatgagc gtcataca ttttgatgca gctgagaaaa gtttgcaatc 240
 atccaaatct gttcgaccct cgaccgggta cctccccctt catcacccca ggcattctgct 300
 tcagcaccgc ctctctggtg ctaagggccca cggatgtcca tcccctccag cggatagaca 360
 tgggtcgatt tgaccttatt ggctggaag gtcgtgtctc tcgatatgag gcagacacat 420
 ttctgccccg gcgcgcggcc gct 443

<210> 2201
 <211> 1126
 <212> DNA

<213> Homo sapiens.

<220>

<221> misc_feature

<222> (29)...(1119)

<223> similar to gi3327128 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2201

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|------|
| cggacgcgtg | ggtgccaagg | agcagggtggt | gtttgccaag | gatcagccgg | tgcacaggga | 60 |
| ggtgcaggct | gaggcaagga | ccaacacccat | gctgagctgg | gagggggccc | aagcccagac | 120 |
| ggaggttatg | tgttacaagg | acgggaagaa | actgagctcc | agctcgaaaa | tgcgtgtgga | 180 |
| ggcgtggggc | tgcacacgga | ggctggtggt | gcaagaagca | agccaagcgg | acgccgggga | 240 |
| gtacagctgc | gaggctgggg | gccagcggct | ctccttccat | ctgcatgtgg | ctgagcccaa | 300 |
| ggtggtgttt | gccaaaggagc | agccggcatg | cagggaggtg | caggcggagg | cgggggcccag | 360 |
| tgccacgctg | agctgtgagg | tggcccaggg | ccagatggag | gtgacatggt | acaaggacgg | 420 |
| gaagaagctg | agctccagct | caaaagtgcg | catggaggcc | agcggctaca | cacggaggct | 480 |
| ggtagtgcag | caggcggggc | aggcggatgc | tggggagtac | agctgtgagg | cggggggcca | 540 |
| acggctgtcc | ttccgcctgc | acgtggcaga | gctggagccc | caaatttcag | agagaccctg | 600 |
| ccgagggag | cctctggtgg | tcaaggagca | tgaagacatc | atcctgaccg | ccacactggc | 660 |
| cacaccctct | gcggccacgg | tgacctggct | caaggatggt | gtggagattc | gccgcagcaa | 720 |
| gcggcatgag | acagccagcc | agggggacac | ccacaccctg | accgtgcatg | gcgcccaggt | 780 |
| tctggacagc | gccatctaca | gctgccgtgt | gggcgcagag | gggcaggact | tcccagtga | 840 |
| ggtggaagag | gtggccgcca | agttctgccg | gctgtgtggag | cctgtgtgcg | gcgagctggg | 900 |
| tggcacggtg | acactggcct | gcgagctaag | cccagcgtgt | gcagaggtgg | tgtggcgctg | 960 |
| cggcaacacg | cagcttcggg | tgggcaagcg | cttcagatg | gtggccgagg | ggcccgtgcg | 1020 |
| ctcactcact | gtgttggggc | tgcgcgcaga | ggacgcaggg | gagtacgtgt | gtgagagccg | 1080 |
| tgtgaccac | accagtgcgc | agctcacctg | cagtgtgccc | cggcgc | | 1126 |

<210> 2202

<211> 681

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(683)

<223> similar to gi5771350 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2202

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| taagacagaa | gaggacccca | agctgttcca | gtcaaccaag | acccagcggg | ggcccctgtc | 60 |
| cgagaactgg | atcgaggagt | acaagaagca | ggtcttcccc | atcatgtgcg | catacaagct | 120 |
| ctgcaagggtg | gagttccgct | actggggcat | gcagtccaag | atcgagaggt | tcatccacga | 180 |
| caccggacta | cggagggtga | tgggtcgggc | tcaccggcag | gcctgggtgct | ggcaggacga | 240 |
| gtggtatggg | ctgagcatgg | agaacatccg | ggagctggag | aaggaggcac | agctcatgct | 300 |
| ttcccgtaa | atggcccagt | tcaatgagga | tgggtgaggag | gccactgagc | tcgtcaagca | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgaagccgtc | tcggaccaga | cctctgggga | gcccccgag | cccagcagca | gcaatgggga | 420 |
| gcccctagt | gggcgcggcc | tcaagaaaca | gtggtccaca | tcctccaagt | cgtctcggtc | 480 |
| gtccaagcgg | ggagcgagtc | cttcccgcga | cagcatctca | gagtggagga | tgagagtat | 540 |
| tgccagggac | tcggatgaga | gctcagatga | tgagttcttc | gatgcgcacg | aggacctgtc | 600 |
| cgacacagag | gaaatgttcc | ccaaggacat | caccaagtgg | agctccaatg | acctcatgga | 660 |
| caagatcgag | agcccagagc | g | | | | 681 |

<210> 2203
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (97)...(576)
 <223> similar to gi3044055 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| <400> 2203 | | | | | | |
| tttcgtgttc | cctggaagct | gagggctctct | ggggctcagt | cccggcnnnn | nnnnnnnnnn | 60 |
| nnnnnnnnnn | nnnnnnnccc | gacccttccc | cccagcgtgt | tcccagaggga | gctgaaggag | 120 |
| gtgtttgctt | catggcggct | gcgctgcgca | gagcgaggcc | gggaggacat | cgcagacagg | 180 |
| cttatcagcg | cctcactctt | cctgcgcttc | ctctgcccag | cgattatgtc | gcccagtctc | 240 |
| tttgggctta | tgagggagta | cccagatgag | cagacctcac | gaaccctcac | cctcattgcc | 300 |
| aaggtcatcc | agaacctggc | caacttttcc | aagtttacct | caaaggagga | ctttctgggc | 360 |
| ttcatgaatg | agtttctgga | gctggaatgg | ggttccatgc | agcagttttt | gtatgagatc | 420 |
| tccaatctgg | acacgctaac | caacagcagt | agcttcgagg | gttacatcga | cttgggccga | 480 |
| gagctctcca | cactgcatgc | cctactctgg | gaggtgctgc | cccagctcag | caaggtcagc | 540 |
| agatcccctc | tttgccctat | ccccagatgg | ctccagaggt | tcctggagcc | tgagaaacta | 600 |
| ccctttgaag | attttttttc | tccccttgtt | tctcgaggtg | tcaccactac | tatcccaact | 660 |
| caggccccct | ccacttgcac | cctcagaggc | cctcttagag | ctgggcactg | agcccccagg | 720 |
| taacagcctc | accataccag | gaagacatcc | tgaagctggg | tccactgccc | cggcgc | 776 |

<210> 2204
 <211> 551
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (124)...(213)

<223> similar to gi474982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2204
ggaggcagga gattggactt ggggttgacg ggcattttgt catctcattc ctgcctgttt      60
cttcctaaac tgattctctg aagggcatac tctgcctcat accttccttg gctgtgttca      120
ttacagggtg atgacggggc ggacgtccgc ggaggatctg gggacatctt actggtccat      180
gctactgaga ctgacaggaa aggtagggtg tcagtgaact cactagattg gggctgtgac      240
tgccccgggt gccactcggc ctcccaccgc tctcctgtcc cctcctggca gccacagccc      300
tgagcaggtc tgatcagcag tcctggtgag cctgagtcag agcagggaga gccacacttg      360
gaagacaagt agatcatgtt caactccagg cgtgcgtggc atctgtcctc cgctggtaca      420
aggtagtacg cccagggcct ccagggtcct tgaggggctc agcgcatact aagcgacca      480
cagacagcgc cttgagtgat ggcattgtac ccagtagtac taaacttaag ataacatgca      540
ggtacctttt g                                     551

```

<210> 2205

<211> 640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (77)...(642)

<223> similar to gi4262637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2205
ggaggcaaga gaatgccgtg gatatcatgg aaatgacact gacagggaga gcttacaacg      60
ccgtgcatat catggaaatg gcaccgatgg ggagagttaa gaacaccatg gatatcatgg      120
aaatggtacc gacggggaga gtttagaacg ccatggatat catggaaatg gcaccgacgg      180
ggagagctta ggacactgtg gatatcatgg aaatggcacc gacagcgaga gtttacaacg      240
ctgtggatat catggaaatg gcaccgacgg ggagagctta ggacgccgtg gatatcatgg      300
aaatggcacc cacagcgaga gtttagaaca ccgtggatat catggaaatg gcaccacacg      360
cgagagttta gaacaccatg gatatcatgg aaatggcacc gacagggaga gcttagaacg      420
tcgtggatat catggaaatg gcaccgacag ggagagttaa gaacgccgtg gatatcatgg      480
aaatggcacc cacagcgaga gtttagaaca ccgtggatat tatggaaatg gcaccgatgg      540
ggagagttta gaacgccgtg gatatcatgg aaatgtcacc gacggggaga gcttagaacg      600
ccatggatat catggaaatg gaaccgatgg ggagagccccg                                     640

```

<210> 2206

<211> 431

<212> DNA

<213> Homo sapiens

<221> misc_feature
 <222> (10)...(464)
 <223> similar to gi2723316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2208
 cgactcgaga aagtgcatac tggagagagt ccttacaaat gtaatgagtg tggcaaggtc 60
 ttcagtcgaa ttacatacct tgtacgacat cagaaaattc atactagaga gaaacctcat 120
 aaatgtaaca aatgtggcaa ggtttatagt agcagttcat acctagcaca acattggaga 180
 attcatagag gagagaaact ttacaaatgt aataaatgtg gcaaagaatt tagtggggcat 240
 tcaagcctca ccacccatct gttaatccac actggagaga aaccttaca atgtaaagaa 300
 tgtgacaaag cttttaggca caagttctcc ctgacagttc atcagagaaa tcataatgga 360
 gagaaacctt ataaatgtca tgaatgtggc aaagtcttca ctcaagtttc acatcttgca 420
 cgacatcaga aaattcacac tggagagaaa ccttacaaat gtaatg 466

<210> 2209
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (3)...(425)
 <223> similar to gi498736 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2209
 agaaacccta caaatgtaaa gaatgtggct tagccttttag caggtactca acccttacta 60
 ccataagag aattcattct ggagagaagc cctacaaatg tgatgaatgt ggcaaacct 120
 ttagcatatc ctcaaccttt actaaacata agataattca tactgaagag aaaccctaca 180
 aatgtaaaga atgtggcaaa gcctttaacc ggctctcaac ccttactagc cataagagaa 240
 tacatactgg tgagaaaccc tacaaatgtg aagaatgtgg caaagccttt aactggtctt 300
 caactcttac taaacataag gtaattcata ctggagagaa gccctacaaa tgtgaagaat 360
 gtggcaaagc ttttaaccag ttttcaagac ttactcgaca taaaaaaatt catactggag 420
 aggan 425

<210> 2210
 <211> 390

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(391)

<223> similar to gi2055392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2210

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gggagtgagt | gccagggcac | tgacctggac | accogcaact | gtaccagtga | cctctgtgta | 60 |
| cacactgctt | ctggccctga | ggacgtggcc | ctctatgtgg | gcctcatcgc | cgtggccgctc | 120 |
| tgcttggtcc | tgtgtgctgct | tgctctcatc | ctcgtttatt | gccggaagaa | ggaggggctg | 180 |
| gactcagatg | tggttgactc | gtccattctc | acctcaggct | tccagcccgt | cagcatcaag | 240 |
| cccagcaaag | cagacaaccc | ccatctgctc | accatccagc | cggacctcag | caccaccacc | 300 |
| accacctacc | agggcagtct | ctgtccccgg | caggatgggc | ccagcccaa | gttccagctc | 360 |
| accaatgggc | acctgctcag | ccccctgggt | | | | 390 |

<210> 2211

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(532)

<223> similar to gi173381 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2211

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tttcgtcctt | ccagggccgc | acgctgcgga | tggggcgcca | gcactacctg | cggccctgcg | 60 |
| tgccctgcc | cagcccgcgc | tgcccgagc | ccgccgcctg | cagccacgat | gggaaactct | 120 |
| tgtctagtga | tgtgactcat | tacgtgatcc | cagactggaa | agttgttcaa | gattatcttg | 180 |
| agatccttga | gtttcctgag | ttgaaggga | ttattttcat | gcagacagct | tgtcaagctg | 240 |
| tgacagcatca | aagaggcagg | agacagtata | acaaactgcg | aaacctgctg | aaggatgcgc | 300 |
| gtcatgattg | cattctcttt | gctaataaat | tccagcaatg | ctgctatctg | ccacgggaaa | 360 |
| gaggagagtc | catggagaag | tggcagacca | ggagcatata | caacgcagct | gtttgttact | 420 |
| atcatcactg | ccaggacagg | atgccaatg | ttatggtgac | agaagatgaa | gaggcaattc | 480 |
| agcagtatgg | aagtgaacaa | gaaggagtat | tcgtgattac | tttcaaggga | attctgaatg | 540 |
| tcaacaaaca | cagagcccaa | atagaagctt | ttgttcgact | tcaaggagcc | agcagtaaag | 600 |
| attcagattt | agtcagtgc | atcctaattc | acgggatgaa | ggctcgaaac | cgctcaattc | 660 |
| atggagatgt | ggtagtgtg | ga | | | | 682 |

<210> 2212
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (84)...(408)
 <223> similar to gi2950398 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2212

| | | | | | | |
|------------|-------------|-------------|------------|-------------|------------|-----|
| tttcgtgcc | tgcaagacgt | gactttgctt | ctccttcccc | ttctgccatg | atthgtgatg | 60 |
| cctcctcagc | catgtggaac | tgagtcattg | ccggcttcaa | catggggggc | gacctcaggg | 120 |
| agcctgccgc | cagcattccc | ctgggctccc | tggcagctgt | tggcatctcg | tggtttctgt | 180 |
| acatcgtctt | cgtcttcctc | ctgggcgcca | tctgcactcg | agaggccctt | cgctatgact | 240 |
| tcctgatagc | ggaaaaggta | tccctcatgg | gcttcctggt | ccttttgggc | ttatacatct | 300 |
| cgtccctggc | ttcctgcatg | ggaggacttt | atggagctcc | ccgcacccctg | cagtgcattg | 360 |
| cccaggagaa | agtgatccct | gcacttgcct | gtctgggaca | aggggtgagt | aatcctcttt | 420 |
| ttttggtttg | ttttttgaaa | catgttttgc | tgctaacctc | actgttgagg | catcaattgg | 480 |
| ttaagctttt | ctgatcagag | cctctgggtca | atttcttttg | ggtgacacag | aaaataatgc | 540 |
| agaggtcatt | tcttttcagcc | ctgtcctctg | gctggcttag | gntagggcta | agtagatgaa | 600 |
| gcatcttata | tgtcccagcc | acctagcccc | ttagactttt | taggactgng | ttagctaacc | 660 |
| agtcctagta | ccatcttgga | ccctgagcag | catgaaaatg | cagtgcccca | tcctttaatg | 720 |
| aaaatgaat | | | | | | 729 |

<210> 2213
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (256)...(744)
 <223> similar to gi4322346 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2213

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtctgc | atgtggagtt | tccaaaaact | cccaagctgt | gggaaccatg | acaattattt | 60 |
| tcactgggaa | tagagcagct | ccacctatca | tgatgcctat | gcactctctc | cctaaagctc | 120 |
| caagtcaaat | gctggatcca | cactttgggt | tcctggggac | ccctgagtgt | ccccggtaag | 180 |
| atggggctca | gggctgggtg | cctctgcctc | aggctgagcg | gccctgagtg | tgtgctgaat | 240 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ccctctctct | gccagctcc | caacacagag | acagagccct | tgctgacctg | gaagaaggcc | 300 |
| caggagacag | tgccctggaa | catcctcctt | ctcctgggag | ggggcttcgc | catggccaaa | 360 |
| ggctgtgagg | aatcggggct | gtctgtatgg | attggtgggc | agctgcaccc | cctggagaat | 420 |
| gtgcccccg | ccctggctgt | gctgctcatc | actgtggtca | tcgccttctt | cactgagttt | 480 |
| gccagcaaca | cggcgacat | catcatcttc | ctgcccgtcc | tggcagagct | ggccatccgc | 540 |
| ctgagagtgc | acccccctgta | tctgatgatt | ccgggcacag | tcggctgctc | ctttgccttc | 600 |
| atgctcccg | tctcaacgcc | ccccaaactcc | atcgcttcg | cctctggaca | cttgctggtc | 660 |
| aaagacatgg | tgccggacagg | cctcctgatg | aacctgatgg | gtggtctgtc | tgctagtttg | 720 |
| ggcatgaata | cttgggcaca | gacat | | | | 746 |

<210> 2214

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(772)

<223> similar to gi438007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2214

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| cttattttata | atgaagatat | gattttgttg | attgaatcaa | gagaatcttc | aaatcaactc | 60 |
| aaatgtatcc | agataacaaa | agcaggagga | ttaacagatg | aatggacaat | caatattctt | 120 |
| caatccttcc | acaatgtgca | acaaatggcg | attgactggc | tcactcgaaa | tctctatttt | 180 |
| gtggaccatg | tcggtgaccg | gatctttgtt | tgtaattcca | acggttctgt | atgtgtcacc | 240 |
| ctgattgatc | tggagcttca | caatcctaaa | gcaatagcag | tagatccaat | agcaggaaaa | 300 |
| cttttcttta | ctgactacgg | gaatgtcgcc | aaagtggaga | gatgtgacat | ggatgggatg | 360 |
| aaccgaacaa | ggataattga | ttcaaagaca | gagcagccag | ctgcactggc | actagaccta | 420 |
| gtcaacaaat | tggtttactg | ggtagatctt | tacttggact | atgtgggagt | agtggactat | 480 |
| caaggaaaaa | atagacacgc | tgctattcaa | ggcagacaag | tcagacatct | ttatggtata | 540 |
| actgtgtttg | aagattattt | gtatgcaacc | aattctgata | gctacaatat | cgtaaggata | 600 |
| agccgattta | atgggactga | tattcactca | ttaattaaaa | ttgagaatgc | ttggggaatc | 660 |
| cgaattttatc | aaaaaagaac | tcaaccaaca | gtcagaagcc | atgcatgtga | agtcgatcca | 720 |
| tatggaatgc | cagggggctg | ttcacacatc | tgtctactca | gcagcagtta | cacgaaa | 777 |

<210> 2215

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(740)

<223> similar to gi2988422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2215
tttcgtgttc ctggcacgag gccccagcgg cctcctgctc tacaacgggc agaagacgga      60
cggcaagggg gacttcgtgt cgctggcact gcgggaccgc cgctggagt tccgctacga      120
cctgggcaag ggggcagcgg tcatcaggag cagggagcca gtcaccctgg gagcctggac      180
caggggtctca ctggagcgaa acggccgcaa ggggtgccctg cgtgtgggcg acggcccccg      240
tgtgttgggg gagtccccga aatccccgaa gggtccgcac accgtcctca acctgaagga      300
gccgctctac gtagggggcg ctcccgactt cagcaagctg gcccgtgctg ctgccgtgtc      360
ctctggcttc gacggtgcc a tccagctggt ctccctcgga ggccgccagc tgctgacccc      420
ggagcacgtg ctgcggcagg tggacgtcac gtcctttgca ggtcacccct gcacccgggc      480
ctcaggccac ccctgcctca atggggcctc ctgcgtcccg agggaggctg cctatgtgtg      540
cctgtgtccc gggggattct caggaccgct ctgcgagaag gggctggtgg agaagtcagc      600
gggggacgtg gataccttgg cctttgacgg gcggaccttt gtcgagtacc tcaacgctgt      660
gaccgagagc gaaaaggcac tgcagagcaa ccactttgaa ctgagcctgc gccctcgtgc      720
caagcttggc gtagtcat                                     738

```

```

<210> 2216
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (34)...(286)
<223> similar to gi2708329 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2216
tttcgtgcgg cggcgacggt cgggcggcac actttacctg agcattgggtc ctacgggggtg      60
tgccgggatg gccgcgtctt cttcatcaat gaccagctcc gctgcacgac ctggctgcac      120
ccgcgcaccg gggagcccgt caactcgggc cacatgatcc gtcataacct gccccgcggc      180
tgaggaggag gcttcacgga ggagggcgcc agctacttca tcgaccataa ccagcagacc      240
acagcattca ggcatacctgt gacgggacag ttttctccag aaaatagtga attcattctt      300
caagaagagc cgaatccaca tatgtcgaag caagacagaa accaaagacc gtccagcatg      360
gtcagtgaat catccacggc tgggaccgcc                                     390

```

```

<210> 2217
<211> 601
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (108)...(160)

<223> similar to gi3878265 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2217

```
tttttttttt ttgaggggttt tctgttattt ctttattggg gtgggggtgg ggtgcatcat    60
tcagatcttt gtgctggtgc ctacgtgcat acaagtacac acacacacac acacacacag    120
gcatgtgttc acgtatgtat acatatacac acaaggccag agctctagtg tgctggagga    180
ggggcaagct ctttttccaa gaggggtatta gaaagagggt gattccagag gatgagtggg    240
ctctgaggct atagccccc actgggtggg cagccagctc tgtgagaatg ccaggggtgca    300
gctgacagcg ctggaggcct ggggactgga ctctgagagg agcttgggca gacacagcag    360
cctccggccc caacactgcc ctgggttggc aggccagcc ctggtcctga caggcaggctc    420
cttgagctcc tcgggagggc gtgacgaccc ttagtggttc atgggaccac tcggtgggcc    480
ctctccgtg ccaggcctgt cagaggacaa ccctccggtc caggtggtcc ccacgcccgc    540
tccgtggtg ccgcctcgtg ccgaattcct gcagcgcggg tcaatgcaaa ggggtggcccc    600
g                                                                    601
```

<210> 2218

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(358)

<223> similar to gi3876094 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2218

```
acaacctgga tcaggacaac gcccggtgtt gggataggtt catgcggtc attgaacccg    60
tggtctgccag cctgccgtac atgacatgcc ctgggaatca tgaagaacgc tacaacttct    120
ctaactacaa ggctcgcttc agcatgccg gggataatga gggcctgtgg tacagctggg    180
atctgggtcc cgccacatc atctccttct ccaccgaggt ctatttcttt ctccattatg    240
gccgccactt ggtgcagagg cagtttcgct ggctggagag cgacctccag aaagccaata    300
agaaccgggc agcccgccg tggatcatca ctatggggca ccggcccatg tactgacgaa    360
a                                                                    361
```

<210> 2219

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (174)...(513)
 <223> similar to gil814270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2219
 ttctgtggtg gctgtgggca gagtgcaggc acagaggcag gattactgct ggatgccgca 60
 aggacttcct gtggagaaaa tgtctgttct gttgcctgtg tgatctcagg gccccacaga 120
 acacaatcca tcacccatgg ggcagaacgt gtgaaaacag caagaccggc agaagcaagc 180
 .ggcgcgagga ctcagagcga tcgatattcg tgcggttaaa agaagggtggc taccggctgc 240
 gagagaacat cctcttccat ctctacgtga gcacctcccc ctgtggagac gcaagactcc 300
 actctcccta cgagatcacc acagacctgc acagcagcaa acacctcgtc aggaagtcc 360
 gcgggcacct gcgcaccaag atcgagtccg gggaaggagc ggtccccgtg cgtggcccca 420
 gcgcagtga gacctgggac ggcgtcctgc tgggggagca gctgatcacc atgtcctgca 480
 cggacaagat cgccaggtgg aacgtcctgg 510

<210> 2220
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(388)
 <223> similar to gil47423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2220
 ttctgtcggg cgggatcggt tacattcgcg cctatctttt acaaaaaggc gagatcaacg 60
 tcggtgcgaa gctggtcggt ctcggcggcc cggcaatgaa catcggtctt ggcggtggtg 120
 cagcgtcttc tatggcgtct ggtcagtcgt atgccgacct cgactttgct tccgtacagc 180
 gcgacaaccc ggagatggag cgtcgtctgc aggaagtgat cgaccgttgc tggcagcttg 240
 gtgatgcaa cccaatcctg tttatccacg acgttggcgc tggcggtctt tctaacgcca 300
 tgccggaact ggtgagcgac ggcgggcgcg gcggtaaatt tgaactgcgc gagattctaa 360
 gcgacgaacc gggcatgagc ccgct 385

<210> 2221
 <211> 1320
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (10)...(1171)

<223> similar to gi619577 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2221

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|------|
| tttcgtgctg | acagcacttc | agtggggagt | ttcccgtcgg | gagagagcag | tgaccagggt | 60 |
| ccccggacgc | ccaccagacc | tctgttggag | tctggcttcc | gctcaggcag | cctgggacag | 120 |
| cccagcccgt | ctgcccagag | aaactaccag | agctcttctc | ctctcccgac | tgtgggcagt | 180 |
| agctacagca | gccccgacta | ctcacttcag | catttcagct | cctctccgga | aagccaggct | 240 |
| cgagctcagt | tcagtgtggc | tggcgtccac | acggtgcctg | ggagccctca | ggcgcgccac | 300 |
| agaacagtgg | gcaccaaacac | tccccctagt | cctggcttcg | gctggcgggc | catcaatccc | 360 |
| agcatggctg | ccccagcag | tcccagtttg | agccatcacc | agatgatggg | tccaccaggc | 420 |
| actggcttcc | atggtagcac | tgtctccagc | ccccagagca | gtgcagcgac | caccccgggg | 480 |
| agccccagcc | tgtgtcggca | cccagcaggg | gtctaccagg | tttctggcct | ccacaacaaa | 540 |
| gtggccacca | ccccggggag | tcccagcctg | ggccggcacc | ctggggctca | ccaaggcaac | 600 |
| ctggcctccg | gtcttcatag | caatgcaata | gccagccctg | gaagccccag | cctgggccgt | 660 |
| cacctcggag | gggtctggatc | tgtggttccc | ggcagccctc | gcttggaccg | gcatgtggcc | 720 |
| tatggtggct | attctacccc | ggaggatcgg | agaccacac | tgtcccggca | gagcagtgcc | 780 |
| tctggctacc | aggctccttc | cacgccctcc | ttccctgtct | cccctgccta | ctaccctggc | 840 |
| ctgagcagcc | ctgccacctc | cccgtcacca | gactccgcag | ccttccggca | agggagccca | 900 |
| acaccagcct | tgccagagaa | gcgaaggatg | tcagtgggag | accgggcagg | cagcctcccc | 960 |
| aactatgcc | ccatcaatgg | gaagggtgtct | tcgcctgtcg | ccagcggcat | gtccagtccc | 1020 |
| agtgggggca | gcaccgtctc | cttctccccc | actctgcccc | acttctccaa | gtactccatg | 1080 |
| ccagacaaca | gcccggagac | gcgggctaaa | gtgaagtttg | tccaggacac | ttctaagtat | 1140 |
| tgggtacaagc | ctgagatctc | cagggagcag | ggtgagtgtc | gggctctgtg | gtgcatcaga | 1200 |
| ggccatagct | ggctgaggcc | tgctgtgtct | tccctgggca | aggaacagag | gcaaattcag | 1260 |
| tcctctttgt | agcagggggg | catcacagag | ggggctgggg | ttgaagctgg | acagtacgaa | 1320 |

<210> 2222

<211> 535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(534)

<223> similar to gi517115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2222

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| caattcccgg | gtcgacgatt | tcgtgtactt | ctgttggggc | gccgactcca | gggagctgca | 60 |
| gcgcccggagg | acggcgggca | gccccggggc | tgagctactg | caggcggcca | gcggggagcg | 120 |
| ccactctctg | ctgctgtgta | ccaaccacag | ggctctctcg | tgcgagagaca | acagcagggg | 180 |
| tcagctgggc | cgcaggggcg | cgcagcgcg | ggagctgcca | caaccaattc | aggcattgga | 240 |
| aaccctaatt | gttgatctcg | tgagctgcgg | gaaggagcac | tccctggctg | tgtgccacaa | 300 |
| aggaagggtc | ttcgcatggg | gagctgggtc | tgaagggcag | ctggggattg | gagaattcaa | 360 |
| ggaaataagt | ttcacaccta | agaaaataac | gactctgaat | gatataaaaa | taataacaagt | 420 |

```

ttcctgtgga cactaccact ccctggcatt atcaaaagat agccaagtgt tttcgtgggg 480
aaagaacagc catgggcagc tgggcttggg gaaggagttc ccctcccaag ccagg 535

```

```

<210> 2223
<211> 486
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(489)
<223> similar to gi4101718 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2223
tttcgtctgg gaaccgcag cctggggact cctccggcgg gggcgctggg ggcgggctgc 60
cgtcccttgg ggagcaggag ctgagccggc gcttgacgag cctgtatccc gcggtcaacc 120
agcaagagac tccgctgccg cgctcctgga gcccgaagga caaatacaac tacattggtc 180
tctcccaggg caacctccgc gtccactaca aaggatcatg caaaaatcac aaagatgcgg 240
cctcagtgcg tgccaccac ccctacactg ctgcctgtgg catttattac tttgaagtga 300
agattgtcag caaaggaaga gatgggttaca tgggaatagg actctcggct caaggcgtca 360
acatgaacag acttcctggg tgggacaaac attcctatgg ttaccatggt gatgatgggc 420
attcgttctg ctctcgggg actggccagc cctatggtcc cacattcacc acaggagacg 480
tgatcg 486

```

```

<210> 2224
<211> 671
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (91)...(639)
<223> similar to gi4226115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2224
cccgggcgac aatttcgttg gagagtttgc gtggcgggaa cgcggcgga gtagagcgga 60
gcggcgccgg cccttgctgc cgggtgcggc atgctgaccc cggcggttcga cctcagccag 120
gatccggact tctgactat cgccatccgc gtgcctacg cccgggtctc cgagttcgac 180
gtctacttcg aggggtctga cttcaagttc tacgccaagc catactttct cagattaacc 240
cttcctggaa gaattgtaga aaatggaagt gagcaagggt cctatgatgc agataaagga 300
atttttacca ttcgctgcc caaagaaacc cctggccagc attttgaggg gctgaacatg 360

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ttaaactgctc | ttctggcacc | aagaaaatcc | aggacagcaa | aaccacttgt | ggaagaaata | 420 |
| ggtgcttctg | agattcctga | ggaagtagtt | gacgatgaag | agtttgattg | ggaaattgag | 480 |
| cagacaccct | gtgaagaggt | atcagaaagt | gctttgaatc | cgcagtgcc | ctatggattt | 540 |
| ggaaacttac | gatcaggagt | gttgcaacgg | ttacaggatg | aactgagtga | tgttattgat | 600 |
| attaaggatc | cagatttcac | ccctgcagct | cagcggccag | gcgcttctgt | cttcgttcag | 660 |
| ctgcagtcga | c | | | | | 671 |

<210> 2225

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(554)

<223> similar to gi5327052 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2225

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtggag | aacccttacc | cggtccagt | caccatcgat | tacccacta | agcagaccaa | 60 |
| gttcaagggc | atgaagagct | acatctccta | caagctggtg | cccacgcaca | cgcaggtgcc | 120 |
| ggtgcatcgg | cgctacaagc | acttcgactg | gctgtacgcy | cgcttgccgg | agaagttccc | 180 |
| ggtcatctcc | gtgcccacc | tgcccagaaa | gcaggccacc | ggccgcttcg | aggaggactt | 240 |
| catctctaag | cgcaggaagg | gcctgatctg | gtggatgaac | cacatggcca | gccacccagt | 300 |
| gctggcgag | tgcgacgtct | tccagcactt | cctgacgtgc | cccagcagca | ccgacgagaa | 360 |
| agcctggaag | cagggcaaga | ggaaggccga | gaaggacgag | atggtgggcy | ccaacttctt | 420 |
| cctgaccctt | agcacgcccc | ccgcccgtgc | ccttgacctg | caggaggtgg | agagcaagat | 480 |
| cgacggcttc | aagtgttca | ccaagaagat | ggacgacagc | gcgctgcagc | tcatccacac | 540 |
| ggccaacgag | ttcgcgcgca | tgcaggtgac | cggcttcaaa | aaggattt | | 588 |

<210> 2226

<211> 1328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (290)...(1150)

<223> similar to gi3924880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2226

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|----|
| cgagttcggc | tccttggcag | tgtgtgcccc | tgaccacaggt | gtgttggtgt | cagctggtag | 60 |
|------------|------------|------------|-------------|------------|------------|----|

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| cttcacccctg | tttgtttttc | agatgatcat | gcaccctaag | ggctcatcta | ggctccctga | 120 |
| gagcacctcc | tttctgtgtc | tgttctcagg | aatgctgttg | agctctcctg | ttgcaggagc | 180 |
| atgagcgcca | ggggctctgg | tgtctgaaca | gcgtgttttg | caggatgact | ttgccaacga | 240 |
| tgtggatgct | ctgctggaag | aaggcctttg | tgcccccaaa | aagaggcgaa | cagaggaaaa | 300 |
| atatggcgga | gacagcgacc | atccgtccga | tggagagaca | agtgtgcagc | cgatgatgac | 360 |
| caagattaaa | acagtgtctca | aaagtctgtg | ccgcccacct | acagagccgc | tgcccgacgg | 420 |
| gtggatcatg | acattccata | actctggagt | cccgggtgtac | ctacacagag | agtctcgggt | 480 |
| ggtcacctgg | tccaggccat | acttcttggg | aacgggaagc | atacggaaac | acgaccctcc | 540 |
| tctgagtagc | atcccttgtc | tgcattataa | gaaaatgaag | gacaacgagg | aacggggagca | 600 |
| aagcagtgac | ctcaccctta | gtggggatgt | gtcccccgtc | aagccccctga | gccgatctgc | 660 |
| agagctggag | tttccccctg | atgagcctga | ctctatgggt | gctgaccggg | ggcccccgga | 720 |
| cgagaaagac | ccactagggg | ctgaggcagc | ccctggggcc | ctggggcagg | tgaaggccaa | 780 |
| agtcgagggt | tgcaaagatg | aatccgttga | tctcgaggaa | tttcgaagct | acctggagaa | 840 |
| gcgtttttgac | tttgagcaag | ttactgtgaa | aaaattcagg | acttgggctg | agcggcgagg | 900 |
| attcaatcgg | gaaatgaagc | ggaagcaggc | ggagtccgag | aggcccatct | tgccagccaa | 960 |
| tcagaagctc | attactttat | cagtgcgaag | tgcaccaca | aagaaagagt | ttgttattaa | 1020 |
| ccccaacggg | aaatccgagg | tctgcacctc | gcacgagtac | atgcagcgtg | tcctcaaggt | 1080 |
| ccgccctgtc | tataatttct | ttgaatgtga | gaaccacaag | gagccttttg | gtgcctcggg | 1140 |
| gaccattgat | gggtgtgactt | acggatctgg | aactgcaagc | agcaaaaaac | ttgcgaagaa | 1200 |
| taaagctgcc | cgagctacac | tggaaatcct | catccctgac | tttgttaaac | agacctctga | 1260 |
| agagaagccc | aaagacagtg | aagaactcga | gtattttaac | cacatcagca | tcgaggactc | 1320 |
| gcgggtct | | | | | | 1328 |

<210> 2227

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (193)... (743)

<223> similar to gi5823366 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2227

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| agtacatacc | gaattccctg | gtcgactcca | cgcgtccgga | tctaggcacc | ggtcaggagt | 60 |
| cctgcccctct | gtccccgcgg | ctgggtctcg | tctgtctcgg | ttcctgggct | cctaattctt | 120 |
| ggtcagctt | cttcagggtc | tgcgcgtctg | ttgttcccag | cgctctgcga | agcctgaaaa | 180 |
| ggaggagcaa | cctgtccaga | atccccgcag | gacaggaaaa | ggaggggaaa | tctcgacatg | 240 |
| gaaaaactct | acagtgaaaa | tgaaggaatg | gcttcaaacc | aaggaaagat | ggaaaatgaa | 300 |
| gaacagccac | aagacgagag | aaagccagaa | gtaacttgta | ctctggaaga | caagaagtta | 360 |
| gaaaacgagg | gaaagacaga | aaacaagggc | aaaacaggag | atgaggaaat | gttaaaggat | 420 |
| aaaggaaagc | cagagagtga | gggagaggca | aaagaaggaa | agtcagagag | ggagggagag | 480 |
| tcagagatgg | agggaggatc | agagagagag | ggaaaaccag | agatagaggg | aaagccagag | 540 |
| agtgaaggag | agccaggagg | tgaaacaagg | gctgcaggaa | agcggccagc | tgaggatgat | 600 |
| gtaccagga | aagccaaaag | aaaaactaat | aaggggctgg | ctcattacct | caaggagtat | 660 |
| aaagaggcca | tacatgatat | gaatttcagc | aatgaggaca | tgataagaga | atttgacaat | 720 |
| atggctaagg | tgcaggatga | gaagagaaaa | agcaaacaga | aattgggggc | gtttttgtgg | 780 |
| atgcaaagaa | atttacagga | ccccttctac | cctagagggtc | caagggaatt | caggggtggc | 840 |
| tgcaggggcc | cacgaaggga | cattgaagac | attccttatg | tgtagtgtcc | ctggcaggca | 900 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| tttaccaggc | catgtgcttt | aacggttacgg | taatacttta | cttttaggcat | ccctcctgtt | 960 |
| gctagcagcc | ttttgacctt | tctgcaatgc | agtgttctca | gtaggaaatg | ttcatctgtt | 1020 |
| acatggaaaa | aatgttgatg | gtgcattgta | aaattaaaaa | acacaacttg | cagaaccaa | 1080 |
| tatatggcat | cagtacattt | ttgtaaaact | acaaagatac | ttacctagta | atatagtata | 1140 |
| gaaaacaatt | ctgaaagctg | tgtccactaa | aagattaaca | gtggttatct | ctgggtgatt | 1200 |
| ttttctgttc | ttttttgttc | atctgtccat | ttttctccta | aaaacagatt | tcttttagtca | 1260 |
| taaaaataat | aaaatataaa | gtattggaaa | acagtgaaaa | aaaaaaaaa | | 1309 |

<210> 2228

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1105)

<223> similar to gi3127926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2228

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|------|
| cccacgcgtc | cgcgatgagc | tcaatgtgaa | gccagagggg | acccgaattg | cggtggctca | 60 |
| gtacagcgat | gatgtcaagg | tggagtccc | ttttgatgag | caccagagta | agcctgagat | 120 |
| cctgaatctt | gtgaagagaa | tgaagatcaa | gacgggcaaa | gccctcaacc | tgggctacgc | 180 |
| gctggactat | gcacagaggt | acatttttgt | gaagtctgct | ggcagccgga | tcgaggatgg | 240 |
| agtgtctcag | ttcctgggtgc | tgtgtgtcgc | aggaaggtca | tctgaccgtg | tggatgggcc | 300 |
| agcaagtaac | ctgaagcaga | gtgggggtgt | gcctttcatc | ttccaagcca | agaacgcaga | 360 |
| ccctgctgag | ttagagcaga | tctgtctgtc | tccagcgttt | atcctggctg | cagagtcgct | 420 |
| tccaagatt | ggagatcttc | atccacagat | agtgaatctc | ttaaaatcag | tgcacaacgg | 480 |
| agcaccagca | ccagtttcag | gtgaaaagga | cgtgggtgtt | ctgcttgatg | gctctgaggg | 540 |
| cgtcaggagc | ggcttccctc | tgttgaaaga | gtttgtccag | agagtgggtg | aaagcctgga | 600 |
| tgtgggccag | gaccgggtcc | gcgtggccgt | ggtgcagtac | agcgaccgga | ccaggcccga | 660 |
| gttctacctg | aattcataca | tgaacaagca | ggacgtcgtc | aacgctgtcc | gccagctgac | 720 |
| cctgctggga | gggcccagcc | ccaacaccgg | ggccgcctcg | gagtttgtcc | tgaggaacat | 780 |
| cctggtcagc | tctgcgggaa | gcaggataac | agaaggtgtg | ccccagctgc | tgatcgctct | 840 |
| cacggccgac | aggtctgggg | atgatgtgcg | gaacccctcc | gtggtcgtga | agaggggtgg | 900 |
| ggctgtgccc | attggcattg | gcacgggaa | cgtgcacatc | acagagatgc | agaccatctc | 960 |
| cttcaccccg | gactttgccc | tggccattcc | cacctttcgc | cagctgggga | ccgtccaaca | 1020 |
| ggtcacatct | gagaggggtg | cccagctcac | ccgcgaggag | ctgagcaggg | tgcagccggg | 1080 |
| gttgacgcct | ctaccgagcc | cctcgtgccc | ctcgtgccc | | | 1118 |

<210> 2229

<211> 948

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (41)...(941)
 <223> similar to gi4063770 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2229

| | | | | | | |
|-------------|------------|-------------|-------------|-------------|------------|-----|
| tcaaaacaaa | acatgcaaga | aacatatatc | acaatcatgt | tgacagtc | atgatcgta | 60 |
| attactatct | gtgattgaca | gtcttccaga | gattattgaa | acattggaag | ttatagcaag | 120 |
| ccattcttca | aatacaagtt | tcgccgatga | attgagtc | ttgctgacat | tggtttccaa | 180 |
| atttgaattt | gtcttttgtt | tgaaattcct | gtatcgagtg | ctgagtggtta | caggaattct | 240 |
| ttccaaaagag | cttcaaaata | aaaccataga | cattttttct | ttgtcttcaa | aaatagaagc | 300 |
| aatttttgaa | tgtttatcat | ctgaaagaaa | tgacgtatac | tttaaaacaa | tctgggatgg | 360 |
| aacagaggaa | atatgtcaaa | aaataacctg | ttaaagggttt | aaagttgaaa | aaccttctct | 420 |
| tcagaaaaga | agaaaaattc | agaaatcagt | agatcttggc | aattcagata | atatgttttt | 480 |
| tcctacttca | acagaagaac | aataataaaat | taatatctat | taccaaggat | tagatactat | 540 |
| attacaaaat | ttaaagttat | gtttttcgga | gtttgattat | tgcaaaataa | agcaaatttc | 600 |
| agaactgtta | tttaaatgga | atgaaccatt | aaatgaaaca | acagcaaaac | atgttcagga | 660 |
| attttataaa | cttgatgagg | acattatccc | agaacttaga | ttttatcgac | attatgcaaa | 720 |
| gcttaacttt | gtcatagatg | atagttgcat | aaacttcgtc | agtctcggtc | gtttgtttat | 780 |
| tcagcatggt | cttcacagta | atattccttg | tctctcaaag | ctattatata | ttgctttgtc | 840 |
| ttggccaatt | acttcagcaa | gtactgagaa | ctcattttct | accctgcctc | gtcttaagac | 900 |
| atatttatgt | aataccatgg | gacaagagaa | gcttactggc | ccagccct | | 948 |

<210> 2230
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(414)
 <223> similar to gi5881841 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2230

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cctcaaagtt | attattattg | caacaccata | tatgcatcat | tatatgaagc | atcagaaaaa | 60 |
| aggaatacat | cggtgtacaa | aatgcaggct | gcagtttttg | acatgcaagg | agaaaatgga | 120 |
| tcataagact | caacaccatc | gaacattttat | aaaacctaaa | caactagaag | gattgcctcc | 180 |
| tggaacaaaa | gttactattc | gagcttcagt | tgacacctctg | caatcaggag | cttcacctac | 240 |
| accttccatt | agtgcgaagt | cttctaccct | tcagctctca | cctccaagga | ctaaaaatat | 300 |
| aactgctaaa | aatcctgcaa | aatctaatac | aagtaaacct | aatacaatca | aatccaacgc | 360 |
| aagtaaacct | aatacaagta | agcctaattg | aagtaaactc | aaatacaaac | caaaaatctc | 420 |
| taatatg | | | | | | 427 |

<210> 2231
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (289)...(826)
 <223> similar to gi2463544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2231

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| tttcgtgcgg | ggctgggggc | tcggccccgc | ttgccctgag | gcgctgggtg | ccttccagtt | 60 |
| ggctgcgacc | agcgttgact | tacaagttgg | ctgctgtcgc | ctgcgcatcg | gcggggccggg | 120 |
| aggctgagca | gtactgttga | gagcgtgtg | aggtgcttgg | tagcgcgccg | tagctgcttc | 180 |
| cacgtccttg | cttcacctca | ggtaaagaga | gaagtaatgg | aaggcctgtc | tgatgttgct | 240 |
| tcttttgcaa | ctaaacttaa | aaacactctc | atccagtacc | atagcattga | agaagataag | 300 |
| tggcgagtgtg | ctaaaaaaac | gaaagatgta | actgtttgga | gaaaaccctc | agaagaattt | 360 |
| aatggatatc | tctacaaagc | ccaaggtggt | atagatgacc | ttgtctatag | tataatagac | 420 |
| catatacgcc | cagggccttg | tcgtttggat | tgggacagct | tgatgacttc | tttggatatt | 480 |
| ctggagaact | ttgaagagaa | ttgctgtgtg | atgcgttaca | ctactgctgg | tcagctttgg | 540 |
| aatataattt | ccccaaagaga | atttgttgat | ttctcctata | ctgtgggcta | taaagaaggg | 600 |
| cttttatctt | gtggaataag | tcttgactgg | gatgaaaaga | gaccagaatt | tgttcgagga | 660 |
| tataaccatc | cctgtggttg | gttttgtgtt | ccacttaaag | acaacccaaa | ccagagtctt | 720 |
| ttgacaggat | atattcagac | agatctgcgt | gggatgattc | ctcagtctgc | ggtagataca | 780 |
| gccatggcaa | gcactttaac | caacttctat | ggtgatttac | gaaaa | | 825 |

<210> 2232
 <211> 1317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (575)...(1319)
 <223> similar to gi2655902 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2232

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ggccctgaag | ggatctcttg | tccagaatta | aacactgac | accagtggac | cagagctgcc | 60 |
| tggagcacat | cttcactggg | ctgcataatg | gttttttaaa | aatcctggag | cctctatttt | 120 |
| agcatctcga | tttgagatat | gaagatccat | gtttcttgag | tttttcttaa | acgacagaag | 180 |
| attttgcttc | ccagactagc | atccctctgt | ggctacaacc | agcctgaacc | gaggggtctg | 240 |
| cccttttagaa | gggcccagct | cacgggctca | ctgtgcactc | aggccctagc | cagcctgctg | 300 |
| tacgtagggtg | tttgcgattt | catcattggc | cttgttttaa | cagacagcag | agcagagcac | 360 |
| ctgccataaa | gcaagcctcg | atgtgctaag | tgccatgtgg | agcccttgcc | ctgctggggc | 420 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| tcgctgctcc | catttgagct | gccacagatc | agccccctccc | cccaggggtct | ccgaggagtc | 480 |
| aggaccgcac | agcctgccct | cctaggggaag | gacttcctca | gggaaggcag | gcatgtggaa | 540 |
| gccaggtgca | gagtcctggc | ctctccacac | aggtgccgcc | caggtgatgt | ggtttgagaa | 600 |
| gctgtatgct | ggcctgcagt | gcgtagagaa | gtacctcatc | taccccgccg | tgggtgctcaa | 660 |
| cgccctcacg | gtggacgccc | acacagtcgt | cagccaccgc | gacaagtact | gcttctactg | 720 |
| cegggcgctg | ctgatgaccg | tggctgggct | gaagctgctg | cgctcagcct | tctgctgccc | 780 |
| cccacagcag | tacctgacgt | tggccttcac | cgctcctgctc | ttccactttg | actaccgcg | 840 |
| cctctcccag | ggctttctgc | ttgactactt | cctcatgtcc | ctgctttgca | gcaagctgtg | 900 |
| ggacttgctg | tacaagctgc | gtttcgtgct | gacctacatc | gcgccctggc | agatcacctg | 960 |
| gggctcggct | ttccacgctt | ttgccagcc | gtttgccgtg | ccacactcgg | ccatgctgtt | 1020 |
| cgtccaggcc | ctgctctcgg | ggctcttctc | cacgcctctc | aaccactgc | taggcagtgc | 1080 |
| cgcttctcatc | atgtcctacg | ctcgccccct | caagttctgg | gagcgcgact | acaacactaa | 1140 |
| acgtgtggat | cattccaaca | cccgctgggt | cacacagctg | gacaggaacc | ctggcgctga | 1200 |
| tgacaacaac | ctcaactcca | tcttctatga | gcacttgaca | cgttcgctgc | agcacacact | 1260 |
| gtgtggggac | ctgggtgctgg | gccgctgggg | caactatggc | cctgggtgact | gcttcgt | 1317 |

<210> 2233

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(715)

<223> similar to gi5051630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2233

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tcagctcagc | ttggcacgag | gaaagggtgt | cttgtgtgcc | ttgtcttttg | tttactttgc | 60 |
| caaagcattg | gcagaaggct | atctgaagag | caccatcact | cagatagaga | gaagggttga | 120 |
| tatcccttct | tcaactggtg | gagttattga | tggtagtttt | gaaattggga | atctcttagt | 180 |
| tataacattt | gttagctact | ttggagccaa | acttcacagg | ccaaaaataa | ttggagcagg | 240 |
| gtgtgtaatc | atgggagttg | gaacactgct | cattgcaatg | cctcagttct | tcatggagca | 300 |
| gtacaaatat | gagagatatt | ctccttctc | caattccact | ctcagcatct | ctccgtgtct | 360 |
| cctagagtca | agcagtcaat | taccagtttc | agttatggaa | aaatcaaaat | ccaaaataag | 420 |
| taacgaatgt | gaagtggaca | ctagctcttc | catgtggatt | tatgttttcc | tgggcaatct | 480 |
| tcttcgtgga | ataggagaaa | ctcccattca | gcctttgggc | attgcctacc | tggatgattt | 540 |
| tgccagtga | gacaatgcag | ctttctatat | tgggtgtgtg | cagacggttg | caattatagg | 600 |
| accaatcttt | ggtttcctgt | taggctcatt | atgtgccaaa | ctatatgttg | acattggctt | 660 |
| tgtaaacct | gtcattttta | ggtggaagca | tgttacagca | cattatcgag | gaa | 713 |

<210> 2234

<211> 344

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (248)...(346)
 <223> similar to gi2440078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2234
 aaatccccaac acctacttag gtctactctg tatttgtggt ttcaaataat ttttttagct 60
 tccaaataga agcggtgtat tcttttctga attagaaaac attgttcgac ttaactgcta 120
 aagagttaga caatcatttt gcatatgttt attatgtctt agattgtttg cattgttacc 180
 tagattctct ttcattctttc aatgtcagtt tttattgggt tattatatgt tggtttatttt 240
 ctttttagga agccaccatt cttcagaggg caatgaaggc acagaaatgg aagtaccagc 300
 agaagatgat gattattctc caccgtctaa gagaccaaag gcca 344

<210> 2235
 <211> 642
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> similar to gi790585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2235
 gcaatattgg aggctgcatt tcagtttctg tcacccctcc agcagaattt gtttaaattt 60
 tgtctgtccc ttcgttctta ctcagctaca atccaagcct tccagcagat agcagctgat 120
 gaacctccac cagaaggatg taattcgttt ttttcagtgc atggaaagaa gacttgtgaa 180
 tctgataccc ttgaggctct tctactgaca gcctctgaaa gacccaaacc tttattgttc 240
 aaaggagatc acagatatcc ctctgtctaat cctgaaagcc ctgtggtgat tttctactct 300
 gagattggct ctgaggaatt ttccaatttt caccgccagc ttatatcaaa aagcaatgca 360
 ggcaaaatca actatgtatt cagacattat atatttaatc ccaggaagga gcctgtttac 420
 ctctctggct atggcgtgga attggccatt aagagcactg agtacaaggc caaggatgat 480
 actcaggtga aaggaactga ggtaaaccac acagtgattg gtgaaaatga tcctattgat 540
 gaggttcagg ggttcctctt tggaaaatta agagatctgc accccgacct ggagggacag 600
 ttgaaagaac tcagaaagca tcttgtagag agcacctgta tt 642

<210> 2236
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(345)
 <223> similar to gi5824882 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2236
 tggttccaca gggcagaccc cgctgcactc acagggagga ggaggcggca gcggcgagg 60
 aaggcggcgc accccgagag gcatgccc aaagaaatac gagccccctg accctcggag 120
 gatgtataca attatgtctt ctgaggaagc agcaaatgga aagaaatccc actgggcaga 180
 gcttgaaata agtggaaaag taagaagctt aagcgcactt ttgtggtcac taactcacct 240
 gacagctttg catttgagtg acaattccct gtcccgaaatt ccttcagaca ttgccaagct 300
 tcacaatctg gtgtatttgg acctgtcatc taataaaatt cgg 343

<210> 2237
 <211> 1067
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (263)...(1054)
 <223> similar to gi2982501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2237
 cagccttcca aggtagggca caccaaggcc taaggaatca gaaagggccc gaggggtgggc 60
 tgtgtcctgg ctttcaggcc ctggggcgac caccagcctc tgctcactct gaggtctccag 120
 ccagggcgcc aagcctcagg accgtgggtg gggcccagg acactctgga ccccggttcc 180
 attcatgaga ggccctcagc acgccacgtg tctgctgtga cagcccgcag ggagggtgga 240
 agccttctgt aaattccaca tgtgggcccga gggcatgacg tccttgatga aggcgcgct 300
 ggacctcacc taccatca cgtccatgtt ctccggagcc ggcttcaaca gcagcatctt 360
 cagcgtcttc aaggaccagc agatcgagga cctgtggatt ccttatttcg ccatcaccac 420
 cgacatcaca gcctcggcca tgcgggtcca caccgacggc tcctgtggc ggtacgtgcg 480
 tgccagcatg tcctgtccg gttacatgcc cctctctgtg gacccgaagg acggacacct 540
 gctgatggac gggggctaca tcaacaacct ccagcggat gtggcccggc ccatgggggc 600
 aaaagtgggt atcgccattg acgtgggcag ccgagatgag acggacctca ccaactatgg 660
 ggatgcgtg tctgggtggg ggctgctgtg gaaacgctgg aacccttgg ccacgaaagt 720
 caaggtgttg aacatggcag agattcagac gcgcctggcc tacgtgtgtt gcgtgaggca 780
 gctggagggt gtgaagagca gtgactactg cgagtacctg cccccccca tcgacagcta 840
 cagcaccctg gacttcggca agttcaacga gatctgcgaa gtgggctacc agcagggcg 900
 caggtgttt gacatctggg gccgcagcgg cgtgctggag aagatgctcc gcgaccagca 960
 ggggcccagc aagaagcccg cgagtgcggc cctcacctgt cccaacgcct ccttcacgga 1020
 ccttgccgaa attgtgtctc gcattgagcc cgccaagccc gccatgg 1067

<210> 2238
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(534)
 <223> similar to gi3879755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2238

| | | | | | | | |
|------------|-----|------------|------------|------------|------------|------------|-----|
| cgctgcta | aat | tatgacttat | ttcaactgaa | aaacaacaaa | aaaagtcaac | tctgccaaaa | 60 |
| gcgattgt | at | cctccagaga | tagtgacatt | attgatttca | ggctatttgc | caagttgaat | 120 |
| gctttctg | tg | tcattgtttg | caacgaaaag | aacaaaatcg | ccgaaatcaa | gattcaagga | 180 |
| ctggattc | ct | ccctttctct | ccagtcaaga | aagcagtcac | tttttgccc | g | 240 |
| attattgt | ca | cagatgttga | tccaaagaca | gttcataaga | aagctgtgtc | aataatggga | 300 |
| aatgaagtt | t | tccgttttaa | tttggatttg | tatccagatg | ctactgagg | ggatttggat | 360 |
| actgacat | gt | ccaaagtgg | tggtgtgctg | tctctgaatg | atggctgtat | tcagattggc | 420 |
| tatcttcata | | aattccttat | gtcacttctg | aacttcctga | ataatttcca | gaccagacaa | 480 |
| gagtctctga | | gtgctgccac | tggccacgct | gcaaaaaggg | ctgccacaag | tgg | 533 |

<210> 2239
 <211> 992
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(995)
 <223> similar to gi2104558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2239

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cggacgcgtg | ggccgagacc | cgccattgga | cggctctgac | ttttgctgtg | ttgcatggac | 60 |
| atattcctgt | agttcagctc | ctcctggatg | ctggggccaa | ggtggaaggc | tcagtggagc | 120 |
| atggcgagga | gaactactcg | gaaacacccc | tccagctggc | agctgctgta | ggaaattttg | 180 |
| agctggttag | tttgctgttg | gagcgtggtg | ccgatcccc | gataggaacc | atgtacagga | 240 |
| atggaatttc | tacaaccccc | caggggtgata | tgaactcttt | cagccaggct | gcagcccacg | 300 |
| gacacaggaa | tgtgttccgc | aaactgctcg | cccagccaga | gaaggagaag | agtgatatcc | 360 |
| tgtccctgga | ggagattctg | gccgagggga | ctgacctggc | ggagacagcc | ccgccccct | 420 |
| tgtgcgccag | ccgcaacagc | aaggccaaac | tgagggccct | gagggaggcc | atgtatcaca | 480 |
| gcgctgagca | tggctacgtg | gatgtcacia | ttgatatcag | gagcataggc | gtcccgtgga | 540 |
| ctctgcacac | gtggctggag | tctttgcgga | tgccttcca | gcagcaccgc | aggcctctca | 600 |
| tccagtgcct | gttaaaggag | tttaagacca | ttcaggagga | ggaatacacg | gaggagctcg | 660 |

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttaccaagg | cctgcccctg | atgtttgaga | tcctgaaagc | gagcaagaat | gaagtgatca | 720 |
| gccagcagct | gtgcgtcatc | ttcacacact | gctacgggcc | ctaccccatc | cccaagctca | 780 |
| cagaaatcaa | acggaaaacag | acctcgcgct | tggatcctca | ttttcttaac | aataaagaaa | 840 |
| tgtctgatgt | tacatttctg | gtagaaggaa | gaccatttta | tgtcacaaa | gtgctgttat | 900 |
| ttacagcctc | tccaagggtc | aaagcactcc | tctccagcaa | gccgacaaat | gatggcacct | 960 |
| gcatagagat | tggttatgtg | aaatactcca | tc | | | 992 |

<210> 2240

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(418)

<223> similar to gi4185940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2240

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ggtcgaccca | cgcgtccgca | tctatacact | tgtattaact | cccactttga | ctccaggaaa | 60 |
| agtgtaatgt | tggttcgagc | tcaagaagga | atctggattc | cgataacttt | acctagacct | 120 |
| tgggaatcct | ccccctcaac | acattttaatt | aatgaagtgg | tacaacgaat | tctaaaaaga | 180 |
| tctaagatat | ttgttttcac | tttaatcgct | ggtatcatgg | gcctaattac | agtcactgca | 240 |
| atggccacca | ctgctggaat | ggcattacac | cagtccattc | aaacggctca | ttttgttaat | 300 |
| gattggcaag | ccaattccac | ccaatgtgg | aattctcaac | aaggcatcga | tcaaaaattg | 360 |
| gcaaatcaaa | ttattgattt | aagacagtct | gttatttggc | ttggagatcg | ggtagtgt | 417 |

<210> 2241

<211> 196

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(124)

<223> similar to gi3097312 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2241

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ggcagcagtt | cttacctctg | aagacaatgt | taggaccaag | atatgatagt | caagttgctg | 60 |
| aagaaaatcg | gttccatccc | agcatgctct | caaattacct | aaagagccta | aaggtaagaa | 120 |
| acaaaattta | tttttgtcac | tgattttaata | tactttgttc | agtcttggtc | ttcaggtggc | 180 |
| ttttaaaaaa | atctta | | | | | 196 |

<210> 2242
 <211> 1366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1367)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(103)
 <223> similar to gil304189 in the genepept database release .114,
 Run with FASTXY 3.3t00, default parameters

<400> 2242

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|------|
| ctcaaccct | gaaccactac | ttcatctgct | cttctcataa | cacctaccta | gtgggggacc | 60 |
| agctttgtgg | ccagagcagc | gtcgagggat | atatacggtg | cagtgggtgt | agagaagggg | 120 |
| tccaactcat | gagagggacc | atgtagaaaa | gtgaggggag | ctgtcagtgt | ctaacagatt | 180 |
| gggacagtgt | tgtgggggtt | taggggctga | ggagccctgg | ataccagaga | cacttgaggg | 240 |
| agatattgaa | gactgggtgg | agaatggtaa | tgaaacccta | tgggtcaatg | gaacttctct | 300 |
| ttcacaagct | atgaaactct | cctggaactc | agaggccctg | acagatttat | atttaacaaa | 360 |
| ttaataaaca | gattgttaaa | tggaaggcaa | tagagaatag | gagttaaaaa | tataggttct | 420 |
| ggagtcagac | catctgaaat | tatatacctag | ctccttcact | tgggtactctg | gggctaagta | 480 |
| tttaacttct | atacctcagt | ctccccatct | gtgaaacagg | gatggtaaca | gtgcctattc | 540 |
| tgtctgggtt | gttgtgaaga | gataattcat | atgtcaatag | ctaataagca | gttctgattt | 600 |
| tattgtgact | aatcatggat | tagattgaat | agtcaagata | tctttctatt | accagcaact | 660 |
| gaactagtag | cttcaaggga | tacaaagatg | agtggaaacat | atagtttcca | ccttaagaag | 720 |
| tctagctgag | gaattaaagg | gtaanattta | ctgacagggt | gaataaccgc | gatgttgat | 780 |
| agggatataa | agccagaaac | acannnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 840 |
| nnnnnnncag | cacggagaac | gtttggaccc | cgaatttgga | acaagctggg | caccattggg | 900 |
| gagccgtttg | cccaaaaggc | cgaattcccc | ggctggggta | ggtgggttag | taccacgctt | 960 |
| cgggaggggg | gggcgagatc | ggttaacctg | agaggaaggg | tgaggtagca | cgttgacaca | 1020 |
| cggcctgtca | tgggtggagg | aatgtaagcg | tgttagaagg | aaagaggggc | gcagtttgat | 1080 |
| gaaacgtgct | atggtcgggg | tggggatgat | attgtatggc | gccagtaggt | atcgagcggc | 1140 |
| ggatatatgg | gagtggggag | gaagcgggta | gtacgtaacg | tagtgagaat | gaaggagggg | 1200 |
| agtagcattg | gatgatgggt | tgtagagtgg | gaggtaggta | tcgtcggatg | gacggaagga | 1260 |
| agggagtgtg | ggatgggtgt | gtaggtatgg | aagctacgag | aggtgagttg | gtaagcacgg | 1320 |
| cacagtaggt | gagggaggtt | agctagtgag | ggaatgtagg | gagggc | | 1366 |

<210> 2243
 <211> 633
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(635)
 <223> similar to gi2224699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2243
ccccgcgctc cgcggaacgcg tgggtgacct tgggtgctcac cctgatgtgc aagaccgaat      60
gggctgtact ccacacatga gggctgcaga actgggccat gaattgtcaa tggaaatatt      120
agcaaaggca aaggctgata tgactatagt tgataatgaa ggaaaagggtg ttttgtttta      180
ctgcatttta ccgactaagc ggcattatcg ctgtgctctg atcgcccttg aacatgggtgc      240
agatgtcaac aattctacct atgaaggaaa gccaatattc cttagagctt gtgaagatgc      300
acatgatgtt aaagatgtgt gcctgacatt tttggaaaaa ggagccaatc ctaatgcaat      360
caactcatcc acaggccgca cagctttaat ggaagcgtca agagaagggg tagtggaat      420
agttcgaggc atattggaaa gaggagggtga agtgaatgca tttgacaacg acaggcatca      480
cgctgctcat tttgctgcta aaggaggctt tttcgatata ttgaagcttc tttttgccta      540
caatggagac gtggggctga tttcgataaa tgggaacaca ccacttcatt atgctgccat      600
gggtggtttt gcagactgct gtaaataatat aga                                     633
  
```

<210> 2244
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (794)...(205)
 <223> similar to gi3873550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2244
tttttttttt ttgatgcttg cagagcaact cccaataact tgatcttcaa gacgggaatt      60
acttctgatt acactctgag aatatctgtc atctgccttt gacaccttat aagttgattc      120
ttgagcatta atttctccat cagatagcct ttgggttgat gactcaagag atgcttggtg      180
ctgcaacacc tgtaactctt gcattgggaa aaccatcttc ttgctttgaa gatggataca      240
catctgagtc aagctttctt tcagcataag actttgggtc aggggaagtt atgttatttt      300
gtaatgtctg acaatgagta gaggatgcaa aagatgatga ctggacagca ggcaaaaact      360
tctgggactg gggagatgat gactcttgag tctgaacatt ttgggaagaa tgcatagaaa      420
tataattctg ggtcgggcta gagtctggca aattctgagc ccgagaggca gaagaataag      480
aaagagaagg ggctgttaat gttagggact cccctgaagc atagctttct gaaagactaa      540
caactgacaa aacttgtgat tgagatgaat agctaacctg tgtctggcta actggtgata      600
aaccctgaga gtgaccagat gagtaacttt gagactgact tactgaagac agatctcttg      660
tttgagcagg gtaattctca tttgtaactg aagacaatac ctcttgctga ttagatgaat      720
aattaagcgt ctgattttca ggagttatag tctgagatga ccagaaaaaa gtcaatgttt      780
tatacaaggg tggcaattt                                     799
  
```

<210> 2245
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (46)...(423)
 <223> similar to gi487785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2245
 atcatgtnnn nnnatgatat tccttggtcg acccacgcct ccggtggaaa aacctttatt 60
 ttccattcaa gttttcgaag acacatggta atgcacagtg gggatggaac ttataaatgt 120
 aaattttggg ggaaagcctt ccattctttc agtttatatc ttatccatga aagaactcac 180
 actggagaga aaccatatga atgtaaaca tgcgggcaaat cctttactta ttctgctacc 240
 cttcaaatac atgaaagaac tcacactggg gagaagccct atgaatgtag caaatgtgat 300
 aaagcatttc atagtcttag ttcctatcat agacatgaaa gaagtcacat gggagagaag 360
 ccttatcaat gcaaagaatg tggaaaagca tttgcatata ccacgtctct tcgtagacat 420
 ga 422

<210> 2246
 <211> 658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(224)
 <223> similar to gi2511715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2246
 gccatggagt acacagggag caaatatata ggggaatatg tagatgggag gatggagggc 60
 aaagcaaggt acatcctccc taccgaaaca atatatgttg gggaaatgaa ggatggcatg 120
 tttcacggcg agggaaacct gtacttcccc agcgggaagcc aatacgacgc catttgggaa 180
 aacggatttg ccataaaggg cacatatagc ttctcagatg ggctgcacta tgatgagaaa 240
 aactggcatt actgcgacgg ctatgatcgg aggttttaca cagagatcct caatggcctg 300

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| aagcctgcag | gtatggctca | actcaccaat | atggacccac | ctagaaaaat | ccccaaagggc | 360 |
| tattacgatt | gtggagacgg | cttctataac | ccagtcacga | gggtagtcaa | ggactatagg | 420 |
| aaccgctttc | taagaaacgc | agatgatgac | gagcatgagt | ggatcacccg | tacctgtcga | 480 |
| aagggctagg | atgagatcgt | gggtcacagg | cccagccgt | gaactctgtg | gctgcctcca | 540 |
| ccagaggttt | ccatctgcc | tactagcatt | ggctgccctg | ggggacgggc | tgtagttcta | 600 |
| gaacctgatt | ttaactcagg | aataaagact | ttctgcggtc | agtggcaaaa | aaaaaaaa | 658 |

<210> 2247

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(746)

<223> similar to gi467292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2247

| | | | | | | |
|------------|-------------|-------------|------------|--------------|-------------|-----|
| gaggcggggc | ctgacgtagc | tgatcccagc | ctaacctggc | ccggctggct | gctgggtggga | 60 |
| ggccggcgac | tgagtaagat | gaagatccag | tttcagacat | gagactcgtt | gggtgatcat | 120 |
| ttcattgaga | tcaacctgaa | tgaccagggtg | taaagtgcga | gagtaatatg | ctatgactga | 180 |
| gtaactatgt | ttccggtagc | ccctaaaccc | caggattcca | gtcaaccatc | agacagactc | 240 |
| atgactgaaa | aacagcagga | agaagcagaa | tgggaaagca | taaatgtgct | attgatgatg | 300 |
| catggcctaa | aacctttgtc | tctagtcaaa | agaacagatc | tcaaagatct | catcatTTTT | 360 |
| gacaaacagt | catcacaaag | gatgagacag | aatttgaaat | tgttggtgga | agaaacatca | 420 |
| tgtcaacaga | acatgatata | ggagcttata | gaaactaatc | aacagcttag | aatgaactt | 480 |
| cagctagagc | aaagccgagc | agccaatcaa | gaacaacgag | ctaatagaactt | ggaacaaatt | 540 |
| atggaaagtg | tgaaatccaa | aattggtgaa | ttggaggatg | aatcactaag | tagggcttgc | 600 |
| caccaacaga | ataaaaataaa | agatcttcaa | aaggagcaga | aaactttaca | ggtgaagtgc | 660 |
| cagcattata | agaaaaaacg | aacggagcaa | gaagaaacta | ttgcttcttt | gcaaatggaa | 720 |
| gtctgtagat | taaaaaagga | ggaagaagat | cgcattgtca | ctcaaaacag | ag | 772 |

<210> 2248

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (82)...(453)

<223> similar to gi3329636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2248
tttcgtggcc ggtcgggagc cgctgcggga gcagccgccg gcaccgccgc cttgcacccat 60
cgcatcatgt ccgggcagct ggagcgttgc gagcgcgagt ggcacgagct ggagggagaa 120
tttcaagaac tgcaggagac gcacaggatc tacaagcaga agctggagga gctggctgcg 180
ctgcagacgc tgtgtagcag ttccatcagt aagcagaaga agcacctcaa ggacttgaag 240
cttacctcc agaggtgcaa acgccatgcc agtcgggagg aggcggagct cgttcagcag 300
atggcagcga acatcaagga gcggcaggac gtcttcttcg acatggaggc ctacctgccc 360
aagaagaacg ggctctactt gaacctggtc ctcggcaatg tgaacgtgac cctcctcagc 420
aaccaggcca agttcgcta caaggacgaa tatgagaagt tcaagctcta cctgaccatc 480
atcctgctcc tgggtgccgt ggcatgtcga tttgtccttc actacagggt gactgacgaa 540
gtcttcaact tcctgctggt gtggtattac tgcaccctga ccattcgga gagcattctc 600
atcagcaacg gctcaagaaa

```

<210> 2249

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(757)

<223> similar to gil262142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2249
tttcgtgcga gaggttggtg ggtgtctccg gccacaatga cccaggctga gaaggggtgat 60
acggagaacg gaaaggagaa gggcggcgag aaggagaagg agcagcgagg cgtgaagcgg 120
cccacgtgac ccgcgctggt gccggagtcg ctgcaagagc aaatccagag caacttcac 180
attgtcatac atccaggttc aacaacttta aggattgggtc gagccacaga cactcttcct 240
gccagcattc ctcacgtcat tgcccgaaga cacaacaac aagggcagcc cctatacaag 300
gacagttggc tcctaaggga gggactaaat aaaccagaaa gtaatgaaca aagacaaaat 360
ggccttaaaa tgggtgatca agcaatatgg tctaaaaaga tgtccaatgg tacaagacgc 420
attcctgtgt cccctgaaca ggcacgtcc tacaataagc agatgcgacc tgcaatttta 480
gatcactgtt cgggaaataa gtggacaaat acatctcatc accctgagta tttagtagga 540
gaagaggcct tgtatgttaa tccactggac tggtacaata ttcactggcc tatcagaaga 600
ggtcagttaa atattcacc aggcctggg ggctctctta cagctgttct ggcagatatt 660
gaagtaatat ggtctcatgc gatacaaaaa tacttgaaa tccactgaa agatttaaag 720
tattatagat ggatcttggt aattcctgat atctat 756

```

<210> 2250

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(430)
 <223> similar to gi4426629 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2250
 cgctggacaa ggacacggga ctcatcatgc tgattgccag gctggactat gagctcatcc 60
 agcgcttcac cctgacgacg attgcccggg acgggggagg cgaggagacc acaggccggg 120
 tcaggatcaa tgtgttgat gtcaacgaca acgtgcccac cttccagaag gatgcctacg 180
 tgggtgctct gcgggagaac gagccttctg tcacacagct ggtgcggctc cgggcaacag 240
 atgaagactc cctcccaac aaccagatca cctacagcat tgtcagtgc tctgcctttg 300
 gcagctactt cgacatcagc ctgtacgagg gctatggagt gatcagcgtc agtcgcccc 360
 tggattatga acagatatcc aatgggctga tttatctgac ggtcatggcc atggatgctg 420
 gcaaccc 427

<210> 2251
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (220)...(624)
 <223> similar to gi5923786 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2251
 tttcgtgtga gggagagccg aggggaaccag cgcgggtgcct agcgggaactc cagggtgga 60
 atcccagagac acaagtgcac ctgctagctg ttagcacttg gcagacggag ttctcctcta 120
 gggtagttct aactttgggt aataatgttt gtcagctacc tgatattaac attgctccac 180
 gttcaaacag cagtgttagc aagacctggg ggagagagca ttggctgtga tgactactta 240
 ggctccgaca aagtcgtgga caaatgtggg gtgtgtggag gagacaacac gggctgtcag 300
 gttgtgtcgg gcgtgtttta gcatgcctc accagcctgg gctaccaccg cgtcgtggag 360
 attcccagag gagccacgaa aatcaacatc acggagatgt acaagagcaa caactatttg 420
 gccctgagaa gtcgttcttg acgtccatc atcaatggga actgggcaat tgatcgacca 480
 ggaaaatacg agggcggagg gaccatgttc acctacaagc gtccaaatga gatttcgagc 540
 actgcgggag agtccttttt ggcggaaggt cccaccaacg agatcttgga tgtctacgtg 600
 agtttgatg tttctggact gttctttgga ttttgaatct tgtcacttct aaggaacata 660
 ctctgaacaa ataagcaaca aatcattgcc catactcaat aaaa 704

<210> 2252
 <211> 2166
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (361)...(1276)

<223> similar to gi4322670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2252

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| tataattttag | actctgtacc | tagtcctgct | gaggaatttg | cagattttgc | cacattttcc | 60 |
| aaaaaggaaa | ggatacaatt | agaagaaata | gaatgtgcag | ttttaaatga | tagagaagca | 120 |
| ctaaccattc | gggaaaacaa | taaaattaat | agagtcaatg | aactgaattc | tgtaaaagaa | 180 |
| gtggcttttg | gtagaagctt | ggataacaaa | ggagacactg | atggagagga | tcaggtttgt | 240 |
| gtttcagaaa | taagcatagt | gactaacaga | ggtttcagtg | ttgaaaaaca | aggccttcca | 300 |
| acactgcaac | aggatgaatt | tttacagtca | ggtgttcagt | caaaggcttg | gagtttggtg | 360 |
| gactcagctg | ataattcaga | agccattagg | agagaacaat | gtaaaactga | agaaaaactt | 420 |
| gacttactta | cttctaaatg | tgctcaccta | tgcatggatt | ctgttaaaac | ttctgatgat | 480 |
| gaagttgggt | ctcccaaaga | agaaagtaga | aagtttacta | atttccaaag | cccaaacatt | 540 |
| gacccacag | aagaaaatga | tttggatgat | tctttaagtg | taaaaaatgg | tgatagtagt | 600 |
| aatgactttg | tgacttgcaa | tgatatcaat | gaagatgatt | ttggtgattt | tggtgacttt | 660 |
| ggctctgcc | gtggctcaac | tccacctttt | gttactggta | ctcaagattc | aatgagtgat | 720 |
| gccacttttg | aagagtcttc | agagcacttt | ccacatttta | gtgaaccagg | tgatgacttt | 780 |
| ggagaatttg | gggatataaa | tgctgtttct | tgccaagagg | agacaatatt | aacaaagtca | 840 |
| gacctaaaa | agactttctga | taatttatca | gaagaatgtc | aattggcaag | aaaatctagt | 900 |
| ggaacaggca | ctgaacctgt | tgcaaaactt | aaaaatgggc | aagaagggtga | gattggacat | 960 |
| tttgattctg | tgccaaatat | tcaggatgac | tgcaatgggt | ttcaagactc | tgatgatttt | 1020 |
| gcagacttca | gttcagctgg | tcctagccaa | gtttagatt | ggaatgcttt | tgaggatgaa | 1080 |
| caaaaagata | gttgttcttg | ggctgctttt | ggagaccagc | aggctactga | atctcatcat | 1140 |
| cgaaggaag | cctggcagtc | acataggaca | gatgaaaata | ttgatactcc | aggaaccccc | 1200 |
| aaaacgcaca | gtgtaccttc | agcaacttcc | aaaggagcag | ttgctagtgg | ccattttacag | 1260 |
| gaatcagcca | cttcagttca | gacagcttta | ttaaaccgcc | tggagcgaat | tttcgaagca | 1320 |
| tgttttcctt | ccatacttgt | ccctgatgct | gaagaggaag | ttacttcctt | gaagcacttg | 1380 |
| ctggaaacaa | gcactttgcc | aataaaaaacg | agagaggcct | tacctgaaag | tggggaattg | 1440 |
| ctagatgtgt | ggactgagct | acaggatata | catgatgcac | atggcttgag | ataccagtgg | 1500 |
| ggcggctccc | atagcaacaa | gaagcttttg | tcctccttg | gaatagacac | ccgaaacatt | 1560 |
| ctcttcacgg | gcaataagaa | gcagcctggt | atagtgccca | tgtatgcagc | aggattgggt | 1620 |
| atgttagagc | ccaccaagga | accactgaaa | ccactttctg | ctgcagaaaa | aatagcttcc | 1680 |
| atcggtcaga | cagccaccat | gtcaccagat | atgaacacat | gtacatctga | tcagttccag | 1740 |
| gagtctctac | cacccgtcca | gtttgactgg | agtagcagtg | gccttactaa | ccctttagat | 1800 |
| ggtgtggatc | cggagtgtga | tgagttaaca | acttctaagc | tggaaatctc | cacctcaagc | 1860 |
| ctcaaagtga | ctgatgcatt | tgcaagactc | atgtctacag | tagagaagac | aagcacatct | 1920 |
| accagtagga | aaccgaaaag | agaagagcac | ctaagtgaag | aagctatcaa | ggtgatcgct | 1980 |
| ggccttcctg | acttaacatt | catgcatgcc | aagggtgtga | tgttcccagc | cacgttaaca | 2040 |
| ccttcacaaa | gctctcaaga | aaaagcagac | ggataactga | tgtgaattgg | acagtttcta | 2100 |
| ttgcttttcc | ttttttccat | cccttcctta | ccatcaaaag | catacctgct | ctaattaaaa | 2160 |
| aaaaaa | | | | | | 2166 |

<210> 2253

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(801)

<223> similar to gi4138207 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2253

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| aagctgtgga | gtgagacctt | cgatgtgtgc | gtcaatcaga | tgcttacatc | caaggaaatc | 60 |
| aaacgtcagg | aggcgatctt | tgagctttcc | caaggagaag | aagacttgat | agaagacttg | 120 |
| aaattagcaa | aaaaggccta | tcatgacccc | atgctgaaac | tctccataat | gacagaacaa | 180 |
| gagttgaatc | aaatTTTTTg | aacactggac | tctctaattc | ctctacatga | agagctcctt | 240 |
| agtcagcttc | gagatgttag | gaagcctgat | ggctcgactg | aacatgttgg | tcccatcctc | 300 |
| gtgggctggc | tcccttgctt | cagctcctat | gatagctact | gcagcaatca | agtagccgcc | 360 |
| aaagctctgc | tggaccacaa | aaagcaagat | caccgagtcc | aggatttcct | acagcgatgt | 420 |
| ttagaatccc | cctttagccg | caaactagat | ctctggaatt | tcctcgatat | tccaagaagc | 480 |
| cgcttggtaa | aataccctct | gcttctccga | gaaatcttga | ggcacacacc | aaatgataat | 540 |
| ccagatcagc | agcacttgga | agaagctata | aatatcattc | agggaaattgt | ggcagaaaatc | 600 |
| aacaccaaga | ctggtgaatc | tgaatgccgc | tattataaaag | agcggcttct | ttacttggaa | 660 |
| gaaggccaga | aagactccct | gatcgacagc | tctcgagtct | tgtgttgctca | tggtgaactg | 720 |
| aagaacaatc | ggggcggtgaa | actgcatgtt | ttcctgttcc | aagaagtgtc | tgtgatcact | 780 |
| cgagccgtca | cccacaatgt | att | | | | 803 |

<210> 2254

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(565)

<223> similar to gi1504016 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2254

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gagaactctc | ttcagaggtc | gaagacgacg | agaagatgac | aggatctcaa | gacctcatcc | 60 |
| ttcaacagct | gaatcaaagg | ctccaacacc | aaagtttgac | ttattagcct | caaattttcc | 120 |
| acctttacct | ggaagttcat | caagaatgcc | aggtgaactc | gttttggaga | ataggatgtc | 180 |
| tgatgttggt | aaaggtgtct | acaagaaaaa | ggataatgaa | gagttgacaa | ttagttgccc | 240 |
| agtgccctga | gatgagcaga | cagaatgcac | ttctgcccag | caactcaata | tgagtaccag | 300 |
| ttctccatgt | gctgctgagc | ttactgcatt | aagcacaact | cagcaagaaa | aggatctaata | 360 |
| agaagattcc | tctgttcaga | aggatgggtc | caatcagaca | actataccag | tttctcctcc | 420 |
| aagtactaca | aagccatcga | gggcaagtac | tgcttcacca | tgtaataata | acataaatgc | 480 |
| agctacagct | gtggctctac | aggaaccccc | aaagttaagc | tatgctgaag | cgtacctgaa | 540 |
| accactaga | gagccatatt | caggaagtgt | ggctaccgct | cttagttact | tgtattttaa | 600 |
| gtgggttttac | tgtacatgat | agtagtctag | ggagatctta | aaagtacata | ttttatatgt | 660 |

ttagtgtaga aatattatatt gattaattat tgagtgttgt cacg

704

<210> 2255
<211> 566
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (116)...(559)
<223> similar to gi4836757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2255
atcacctgtg ggcccgtgtg gctcgtgtct gcaaggtgga ttgggctgac gttggggcac 60
gggtatagag gatggacttc tgacctggc cccttatccc gtgcctctgc ctccccaggg 120
agacctggga gggaagaaga tcctgcagaa gaagtggact tccttcctga aagcccgtct 180
catctgccac attccactgt atgagacact gcgtgggggtc tgcagcctgg atgctgaaac 240
ctcaagccgt acacacttct atgcagcctt cacgctgagc acacagtgga agaccctgga 300
ggcctcagcc atctgccgt atgacctggc agagatccag gctgtctttg caggacccta 360
tatggaatac caggatgggt cccggcgctg gggtcgctat gaggggtggg tgcttgagcc 420
ccggcctggc tcgtgtatca cagattcatt gcgcagccaa ggctacaatt catccaaga 480
cttgccatcc ctggtcctgg actttgtaaa gttgcacca ctgatggctc ggcccgttgt 540
gcccacacgt ggacgactca tgtatt 566

<210> 2256
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(421)
<223> similar to gi5815459 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2256
atttcaggag ggaccagaag cgcaggcccc ctcaggagga attacaactt catcgccgcg 60
gtggtggaga aggtggcgcc atcgggtggtt cacgtgcagc tgtggggcag gaaccagcag 120
tggtattgagg tgggtgctcca gaatggggcc cgttatgaag ctgttgtcaa ggatattgac 180
cttaaatttg atcttgccgt gattaagatt gaatcaaatt ctgaacttcc tgtactgatg 240
ctgggaagat catctgacct tcgggctgga gagtttgtgg tggctttggg cagcccattt 300
tctctgcaga acacagctac tgcaggaatt gtcagacca aacagcgagg gggcaaagaa 360

ctgggggatga aggattcaga tatggactac gtccagattg atgccacaat taactatggg 420

<210> 2257
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (29)...(262)
<223> similar to gi688412 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2257
cgaccctggg atcttctctg tgtgggcagt accaccctgg gcactgatcg ccattgctgt 60
ggttgctggg ctctgtcttc tcacctgctg cttctgcatc tgcaagaaat gctgctgcnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnggcaa aggcatgaag aatgccatga acatgaagga 180
catgaaaggg ggtcaggtag ggcacattgg ttgtgagggg gactggaagg ggctcagccc 240
aggctttcct gatgctgaaa ggggaagcaa aggctcctgg gcttccacag ccaaacctgc 300
tcccctcctt aaaacttggc tctctcagtt acatctctag tataacaccg tctacctgga 360
ggcccctggg aggggggggc cttattcctg tg 392

<210> 2258
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(402)
<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2258
cccacgcgtc cgcttttgaa tgtactgaat gtgggaaatc attcagctgg agctcccatc 60
ttattgccca tatgagaatg catactggag agaaaccctt taaatgtgat gaatgtgaaa 120
aagcttttag ggactactca gcccttagta aacatgaaag aactcattct ggagcaaaac 180
catataaatg tactgaatgt ggaaaatcct tcagctggag ctcccatctt attgcccatc 240

```

agagaactca cacgggagag aaaccatata actgtcagga atgtggcaaa gcattcagag 300
aacgctcagc cctcactaaa catgagataa ttcattctgg aattaagccc tatgaatgta 360
ataaatgtgg aaaatcctgt agccagatgg ctcaccttg 399

```

```

<210> 2259
<211> 1057
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (23)...(624)
<223> similar to gi4678722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2259
cccacgcgtc cgagaactca aagaaattct ggataggaaa gggcatttct cagagaatga 60
gacaagggtg atcattcaaa gtctcgcatc agctatagca tatcttcaca ataatgatat 120
tgtacataga gatctgaaac tggaaaatat aatggttaaa agcagtctta ttgatgataa 180
caatgaaata aacttaaaaca taaagggtgac tgattttggc ttagcgggtga agaagcaaag 240
taggagtga gcatgctgc aggccacatg tgggactcct atctatatgg ccctgaagt 300
tatcagtgcc cagcactata gccagcagtg tgacatttgg agcataggcg tcgtaatgta 360
catgttatta cgtggagaac cacccttttt ggcaagctca gaagagaagc tttttgagtt 420
aataagaaaa ggagaactac attttgaaaa tgcagtcctgg aattccataa gtgactgtgc 480
taaaagtgtt ttgaaacaac ttatgaaagt agatcctgct cacagaatca cagctaagga 540
actactagat aaccagtggg taacaggcaa taaactttct tcggtgagac caaccaatgt 600
attagagatg atgaaggaat ggaaaaataa ccagaaaagt gttgaggaaa acacaacaga 660
agagaagaat aagccgtcca ctgaagaaaa gttgaaaagt taccaaccct ggggaaatgt 720
ccctgagacc aattacactt cagatgaaga ggaggaaaaa caggtaggaa gaatcattgc 780
tgcatttctc ccaagtgtaa aataccctca ccacacctgg aacatttttt tgcaaatctg 840
tctttttgtt gttagtttgt aacaaaggcc gagcgttata tagcaagtaa agttctttct 900
gccttataag gctagcatga tttagcgagg tggcctacat gtttatttta aggttggtga 960
ttatgtaggg caggtgtctg caaacttttt ctgtaaggga acaaacagta aatattttag 1020
gctttgtggg ccctagtagt ctttgtcaca actactc 1057

```

```

<210> 2260
<211> 1815
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (272)...(1475)
<223> similar to gi4589512 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2260
ataticggagg aatcccagaa tatagataca gcttaaattt tgtcttacia agtcagcact 60
tattgggttat tcattgttgc gtgttctcaa aggccctgag tcaactgtct ctactcagtt 120
aaatactatt tggacttgtc ccttatgggt tcaagcacia ttattacaat atttggggct 180
tacaaaaatt ttatttataa ctactgttta atttaactag atattgtaaa aattggaaat 240
ttggaatatt catttctttg tcctgttgta ggtggcgctc tgttttccga atagtgaacc 300
tgtgatgttc atggatgcat ttatgggtg tctcctggca gagctgggtc ctgtcccat 360
agaagtgcca ttaacaagaa aggatgcagg cagccagcag gttgggtttc tgctgggcag 420
ctgtggagtc ttcttgccc tgaccacaga cgctgtcag aaaggcctcc ccaaggcaca 480
gacaggagag gtggcagctt tcaaagggtg gccccgctc tcctggctag tgattgatgg 540
gaagcatcta gccaaagcccc caaaggactg gcaccctctg gccaggaca cagggactgg 600
gactgcctac attgagtata aaaccagcaa agaaggcagt acggtggggg tcacagtgtc 660
ccacgcctcc ctgctggcac agtgccgggc tctgaccag gcgtgcgggt actcagaagc 720
tgaaacatta acaaacgtgc tggatttcaa aagggatgct ggtctgtggc atggcgtgtt 780
aacaagcgtc atgaacagga tgcacgtggt cagcgtcccc tacgcgtga tgaaggcga 840
cccactctcc tggatccaga aagtgtgctt ctataaagct cgggccgcgc tggtgaaagtc 900
gcgagacatg cactggtctc tcctagctca gcggggccag agggacgtca gcctcagctc 960
actgcgcatg ctgattgtgg ccgatggtgc caaccgctgg tcgatctcct cctgtgacgc 1020
cttcctcaac gtcttccagt ccagagggtc gaggccagag gtcactgtc ctgtgtcaag 1080
ttctcctgag gcgctgactg tcgccatccg caggccacct gatctgggag gaccacctcc 1140
aagaaaagca gtctgtcga tgaacggtct aagttatggt gttatcagag tggatactga 1200
agaaaagttg tcagtcctta ctgttcagga cgttggtcag gtgatgcctg gagctaagt 1260
atgtgttggt aagttagaag gtaccctta tctttgtaaa actgatgaag tgggagaaat 1320
atgcgtcagt tccagtgcga ctggcacagc gtactatgga ttgcttgga tcacgaagaa 1380
tgtgtttgag gcagttccgg tcaccacagg aggagcacc atctttgaca ggccattcac 1440
caggacaggc ctgctgggct tcatcgggcc tgtgagtatg tcctcctgta ccagcactgg 1500
cagtacagaa aggtaggggg tgtggctaag ggacacctcg ttgcagcccc acccttgtcc 1560
tggcgtttcc tgacctcca tgtggccttg gtcggtggcg ttgacctccc tgcccatcac 1620
cctacctgtg tgcagggccca tccacacctc cgagactggt gcacagtcct gcacacatgg 1680
cctgagtcgg gggctccccg ggtggatgag gatgttttgc tttttatatg gagtggcagg 1740
tttgtgagta ttcattatat cattctttac cathttggat gtctaaacta ttcaaaaata 1800
aatgcttcta tttgt 1815

```

```

<210> 2261
<211> 833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (553)...(684)
<223> similar to gil765919 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2261
tttcgtttcc gttgcaaagc atttctggga gctgcatgtg ggtgacgcag cagcattgtt 60
cgcaggcaca ggaagccgcg gctgagctga agggctcgag aaggagccca gagcgtgca 120

```

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|
| cgctgctccc | tctgggtagt | ctgaaggggtc | agagctggac | tgccctgccc | tatgtgctct | 180 |
| gggagattcc | agaatattca | agtaaatccg | gatttttcca | gaggcagaat | atctaactcc | 240 |
| ttcaggagaa | cttccagtac | agaaaacaaa | acaaagacgc | tggggaaaact | tcaccaagag | 300 |
| cctcggcagc | tccagagcga | cgggaaacga | aagattttgc | tggaggagct | tgccaacagc | 360 |
| gatcccaagt | tagccctcac | tggagttcct | atagtacagt | ggccaaaaag | ggataagctt | 420 |
| aaattcccca | ctcggccaaa | ggtgcggggt | cctaccatcc | ccattacgaa | gcctcacact | 480 |
| atgaaaccag | ctccacgggt | aacacctgtg | aggccagctg | ctgcctcccc | gatttgtgtca | 540 |
| ggagccagac | ggagacgagt | gcgatgtcga | aaatgcaaag | cctgtgtgca | aggagagtgt | 600 |
| ggtgtttgcc | actactgcag | agacatgaag | aagtttgggg | ggcctggacg | catgaagcag | 660 |
| tcctgtgtcc | tccgacagtg | cttggcagtg | agtgatctgc | tgggtaaaga | attttgggga | 720 |
| ggggtggcag | tgccaaagga | actgaaatac | atatagtgtg | gagttaaaga | gccttcagag | 780 |
| ttggaaagaa | aaggtttata | ctctcttttt | ggctttattt | tgtacctttt | ttc | 833 |

<210> 2262

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> similar to gi5918159 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| <400> 2262 | | | | | | |
| ttgagtatta | gtgtcagtga | tgtgtctctc | tctgatgaag | gacagtacac | ctgttcttta | 60 |
| tttacaatgc | ctgtcaaaac | ttccaaggca | tatctcaccg | ttctgggtgt | tcctgaaaag | 120 |
| cctcagatta | gtggattctc | atcaccagtt | atggagggtg | acttgatgca | gctgacttgc | 180 |
| aaaacatctg | gtagtaaacc | tgacgtgat | ataagatggg | tcaaaaatga | caaagagatt | 240 |
| aaagatgtaa | aatattttaa | agaagaggat | gcaaatcgca | agacattcac | tgtcagcagc | 300 |
| acactggact | tccgagtggg | ccggagtgat | gatggagtgg | cggatcatctg | cagagtagat | 360 |
| cacgaatccc | tcaatgccac | cctcagggtg | gccatgcagg | tgctagaaat | gcactataca | 420 |
| ccatcagtta | agattatacc | atcgactcct | tttcacaaag | aaggacg | | 467 |

<210> 2263

<211> 539

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(542)

<223> similar to gil017722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2263
aaccttataa atgtaacgaa tggggcaagg tcttcaactt taattcacac cttgtaagac      60
atcgaggaat tcatactgga gagaaacctt acaagtgtaa tgagtgtggg aaagccttta      120
gagctcgttc aagcttaact atccatcagg caaccacagc tggagaaaaa ccttacaagt      180
gtaatgaatg tggcaaggtc ttcactcaaa attcacacct tacaaatcac tggagaattc      240
acactggaga gaaaccttac aagtgtaatg agtgcgggca agcctttggg gttcgttcaa      300
gcctagctat tcactctggg attcacaccg gagaaaagcc ttacaaatgt catgaatgcg      360
gcaaggctct taggcgtaat tcacaccttg caaggcatca gctaattcat actggagaga      420
aaccttataa gtgtaatgag tgtggcaaag cctttatagc acattcaaac ctaactaccc      480
atcaggctat ccatactgga gaaaagcctt acatatgtac tgaatgtggc aagggttc      539

```

<210> 2264

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(630)

<223> similar to gi2224541 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2264
aagaagatgt ttgcttcata gtcttgaata gtaaagaagg ctcaggctctg ggattcagtg      60
tggcaggagg gacagatgtg gagccaaaat caatcacggt ccacagggtg ttttctcagg      120
gggcgggcttc tcaggaaggc actatgaacc gaggggattt ccttctgtca gtcaacggcg      180
cctcactggc tggcttagcc cacgggaatg tcctgaaggc tctgcaccag gcacagctgc      240
acaaagatgc cctcgtggtc atcaagaaag ggatggatca gccaggccc tctgcccggc      300
aggagcctcc cacagccaat gggaagggtt tgctgtccag aaagaccatc cccctggagc      360
ctggcattgg gagaagtgtg gctgtacacg atgctctgtg tgttgaagtg ctgaagacct      420
cggctgggct gggactgagt ctggatggg gaaaatcatc ggtgacggga gatgggccct      480
tggtcattaa aagagtgtac aaagggtggt cggctgaaca agctggaata atagaagctg      540
gagatgaaat tcttgctatt aatgggaaac ctctggttgg gctcatgcac tttgatgcct      600
ggaatattat gaagtctgtc ccagaag      627

```

<210> 2265

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(417)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(338)
 <223> similar to gi3046551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2265
 ggtacaacca gaaagtggat ctcttcagcc tgggaattat cttctttgag atgtcctatc 60
 accccatggt cacggcttca gaaaggatct ttgttctcaa ccaactcaga gatcccactt 120
 cgcctaagtt tccagaagac tttgacgatg gagagcatgc aaagcagaaa tcagtcactt 180
 cctggctggt gaaccacgat ccagcaaaac ggcccacagc cacagaactg ctcaagagtg 240
 agctgctgcc cccaccccag atggaggagt cagagctgca tgaagtgctg caccacacgc 300
 tgaccaacgt ggatggaaaag gcctaccgca ccattgatgg gccagatct tttcggcagc 360
 gcatctcccc tgccatcgnt ttacacctat gaccagcgac atattgaagg gcaact 416

<210> 2266
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(810)
 <223> similar to gi849186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2266
 atagaaacta gttctgaaga tgaagatgat acggcagatt tgtttccaga agaatctggt 60
 tttgagcatg cttggagaga attagataaa gatgctcctc gtgctgatga gattacacgt 120
 cgattagcag tttgtaacat ggactgggat agattaaagg caaaagattt gctggctctg 180
 ttcaattcat ttaaacccaa aggaggtgta atattttccg tcaagatata tccttcagaa 240
 tttggaaagg agaggatgaa ggaagagcaa gttcaaggac cagtagagct attaagtatt 300
 cctgaagatg ccccagaaaa agactggacg tctagagaaa aattgagaga ttatcaattc 360
 aaacgactga agtactatta tgcagtagta gactgtgatt ctccggaaac agctagtata 420
 atttatgagg attgtgatgg cctggaattt gaaagtagtt gttctttcat agatctaagg 480
 tttataccag atgatattac ttttgatgat gagcctaagg atgtagcctc agaagtgaat 540
 ttaacagcat ataaaccaa atatttcact tctgctgcaa tgggaacatc aacggtggaa 600
 atcacttggg atgagactga tcatgaaaga attacaatgc tcaacaggaa gtttaaaaag 660
 gaagagcttt tggacatgga ttttcaagcc tacttagctt cctctagtga agatgaagag 720
 gagacagaag aggagctaca aggtgatgat ggagtcattg tagaagaaga tgggaaaaca 780
 aagaaaagtc agaaggatga tgaagaacaa attgctaaat acaggcagct cttgcaggtt 840
 attcaagaaa aaaaaaaaaa agggggggcc gtttttaaga atcaaggttt acttacgcgg 900
 gctggcgagg tcatactttt tttatg 926

<210> 2267
 <211> 763
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (238)...(764)
 <223> similar to gi2689444 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2267
 aacccgtgtg gtggaattcg cactgcacag caggcccttc cctgctgaga gctagccctc 60
 tttatttctg ctacagccc caggcactaa ttactgggtg tgtagacac atttgtaga 120
 gtgctgcctc ctcacaccaa agtctacatt tacttcttca acatttatct tctgtcaggt 180
 tggtggcatg gagccgaggc tgaggaggct cctgagcaga ttgcttctgt aggactgctc 240
 agttcaaaca ttcagcaaca ccagaagcag cactgtggag agaaaccctt aaaaagacaa 300
 cagggcaggg tcccagtttt gaggagttgc aaagttcacc tatcagagaa gtccttgcaa 360
 agcagggagg ttgggaaggc ctcctgac agtcagggtg ttctcaagca ccaggtgact 420
 cacacaggag agaagtcaca taggagctcc aaaagtaggg aggcctttca tgctggaaaa 480
 aggcattaca aatgcagtga atgtgggaaa gcctttggtc agaaatattt acttggtcag 540
 caccagagac tacatgctgg gaaaaagacg tatgaatgca gtgaatgtgg gaagttattt 600
 agagatatgt ccaacctttt tatacaccaa atagttcaca ctggagaaaag gccttacggg 660
 tgtagtaact gtggaaaatc ctttagccgt aatgctcacc tcattgaaca ccagagagtt 720
 cacactggag aaaagccttt tacatgcagt gaatgtggaa aag 763

<210> 2268
 <211> 973
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(507)
 <223> similar to gi435776 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2268
 tgtcatagga aagaaaacaa atagaggaag aagatctaata catataccag aggaagagtc 60
 ttcacatccc tccagtgtg aagatgagga tgataggaaa cagattgatg agctactagg 120
 caaagttgta tgtgtagatt acattagttt ggataaaaag aaagcactgt ggtttcctgc 180
 attggtgggt tgtcctgatt gtagtgatga gattgctgta aaaaaggaca atattcttgt 240
 tcgatctttc aaagatggaa aatttacttc agttccaaga aaagatgtcc atgaaattac 300
 tagtgacact gcaccaaagc ctgatgctgt tttaaagcaa gcctttgaac aggcacttga 360
 atttcacaaa agtagaacta ttctgctaa ctggaagact gaattgaaag aagatagctc 420

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tagcagtga | gcagaggaag | aagaggagga | ggaagatgat | gaaaaagaaa | aggaggataa | 480 |
| tagcagtga | gaagaagtaa | gtgaaaacag | ttgatacctt | ttaaaattat | aaataacagt | 540 |
| tgggtttccc | ttgtgggtta | ggatttggca | ttaagtcatt | actcatataa | gtatttttag | 600 |
| tatgagaaat | atttcataat | cttgtatttg | agatcctcat | aatcagatag | tttacttggt | 660 |
| tactttagat | atatgatctt | gtgaaataga | aaatattaag | cctgattttc | ctaataacct | 720 |
| caaaaacatg | tcttagtctt | cctatgcttt | ttttaatgag | atgattaaga | aagtatccac | 780 |
| caggctgggc | gcagtggctc | aggcctgtaa | tcccagcact | ttgggaggcc | aaggcaggcg | 840 |
| gatcacgagg | tcaggagatc | gagaccatcc | tggctaacac | agcgaaaccc | cgtctttact | 900 |
| aaaaatacaa | aaaattagcc | gggggtggtg | gtgggcacct | gtagtcccag | ctactcggtg | 960 |
| ggctgagacg | aaa | | | | | 973 |

<210> 2269

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(816)

<223> similar to gi6018810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2269

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| agggtcctag | cacagtgtct | gacggagctt | tcctaccaga | ccctgaaatt | cacgcatcag | 60 |
| gcgcgggaag | cggatatatc | atacagcaaa | tgctttggag | caagaaacta | aactgggggt | 120 |
| acgacggttt | gaagtttgtg | acaacattga | tcttgaaact | attttgatgg | aatatgagag | 180 |
| ttattatttt | gtaaaatttc | agaaataccc | caaaattgtc | aaaaagtcac | cagacacagc | 240 |
| agagaataat | ttaccgcaaa | gaagtagagg | gaagaccaga | aggatgatga | acgacagtgt | 300 |
| tcaaaatctt | cccaagatca | atcagcagag | gccccgggtc | aaaaccacag | cggggaagac | 360 |
| aggggacacc | aatcgctca | ataaggagca | tcctaatacag | gaggtagttg | ataacactcg | 420 |
| cctggaaagt | gccaacttcg | gcctacatat | atcaagaatc | cgtaaagaca | gtggagagga | 480 |
| aaatgcccac | ccacgaagag | gccaaatcat | tgacttccaa | gggctgctca | cagatgccat | 540 |
| caaggagca | accagtgaac | ttgccttgaa | caccttcgac | cataatccag | acccctcaga | 600 |
| acgactgctg | aaacctctga | gtgcatttat | tggcatgaac | agtgagatgc | gagaattggc | 660 |
| agccgtggtg | agccgggaca | tttatctcca | taatccaaac | ataaagtgga | atgacattat | 720 |
| tggacttgat | gcagccaagc | agttagtcaa | agaagctggt | gtgtatccta | taaggatatcc | 780 |
| acagctattt | acaggaattc | tttctccctg | gaaaggg | | | 817 |

<210> 2270

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(906)

<223> similar to gi915208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2270

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| aaaaaggacc | agaaaactcc | aacatccctg | gtggcttcgg | ttagcgggtcc | tccaacgagc | 60 |
| tccagcacag | ctgccattgc | tgcagctagc | tctagctctg | caccagccca | agaaaccatc | 120 |
| tgccctcgacg | actcactaga | tgaagacctt | tctttccatt | caccttcact | ggatcttggg | 180 |
| tctgaagctt | tagcggttat | caacaatggg | aacaagggcc | ctccaggtgg | ctcaaggata | 240 |
| agcatgccaa | ccacaaagcc | tcgtccagga | ctgagagaag | aaaaattagc | aagtatcatg | 300 |
| agtaagctgc | cactagctac | tcccataaaa | ctagattcta | ctcagactac | acattcttca | 360 |
| agtcttattg | ctggtcacac | agggccagta | ccaaagaaac | cccaggattt | agctcatact | 420 |
| ggcatctctt | caggccttat | tgctggttct | tccattcaga | accctaaagt | ttcttttagaa | 480 |
| cctttgccag | ccaggctact | tcaacaagga | cttcagaggt | caagccagat | tcacacttct | 540 |
| tcctcttcac | agacccatgt | ctcctcttct | tcccagccc | aaattgctgc | ctcttctcat | 600 |
| gctctgggaa | catccgaggc | ccaagatgct | tcttcgttaa | cacaagtaac | aaaggtgcac | 660 |
| cagcattcag | ctgtccagca | gaactatgtg | tctccattac | aggccaccat | cagtaaattcc | 720 |
| cagaccaacc | ccgtcgtgaa | gttaagtaat | aatccccaac | tctcctgttc | ctcctcactt | 780 |
| attaagactt | cagataagcc | acttatgtac | cgccttcctt | tatctacccc | ctcacctgga | 840 |
| aatgggttctc | aagggtccca | ccccctggtt | tctaggacag | tacctagcac | cactacctcc | 900 |
| agtaactatt | tagccaaggc | tatggtgtca | cagatctc | | | 938 |

<210> 2271

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(738)

<223> similar to gi4186183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2271

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ggaccaggac | tacaagtacg | acagtacctc | agacgacagc | aacttcctca | acccccccag | 60 |
| ggggtgggac | catacagccc | caggccaccg | gacttttgaa | accaaagatc | agccagaata | 120 |
| tgattccaca | gatggcgagg | gtgactggag | tctctggtct | gtctgcagcg | tcacctgcgg | 180 |
| gaacggcaac | cagaaacgga | cccgtcttgg | tggctacgcg | tgactgcaa | cagaatcgag | 240 |
| gacctgtgac | cgtccaaact | gccaggaat | tgaagacact | tttaggacag | ctgccaccga | 300 |
| agtgagtctg | cttgcgggaa | gcgaggagtt | taatgccacc | aaactgtttg | aagttgacac | 360 |
| agacagctgt | gagcgctgga | tgagctgcaa | aagcgagttc | ttaaagaagt | acatgcacaa | 420 |
| ggtgatgaat | gacctgcccc | gctgccccctg | ctcctacccc | actgaggtgg | cctacagcac | 480 |
| ggccgacatc | ttcgaccgca | tcaagcgcaa | ggacttcgcg | tggaaggacg | ccagcggggc | 540 |
| caaggagaag | ctggagatct | acaagcccac | tgcctcggtac | tgcatccgct | ccatgctgtc | 600 |
| cctggagagc | accacgctgg | cggcacagca | ctgctgctac | ggcgacaaca | tgagctcat | 660 |
| caccaggggc | aagggggcgg | gcacgcccac | cctcatcagc | accgagttct | ccgcggagct | 720 |
| ccactacaag | gtggacgtc | | | | | 739 |

<210> 2272
 <211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(373)
 <223> similar to gi3169113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2272

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| gaagtcagac | aaggctcaga | gtggacccta | caatgttgag | aaggaaatcc | ttacttcaag | 60 |
| attcttgcgt | gacactgaga | cctgtcgaca | gaattttagg | aattttccat | acccagacct | 120 |
| ggctggtcct | cgaaaggcat | tgagtcaact | ccgagagctc | tgcttaagt | ggctgagacc | 180 |
| tgagattcac | tcaaaggaac | aaattttgga | gctgctggtg | ctggagcaat | tcctgacct | 240 |
| cctgcctggt | gagggttagga | cttgggtaaa | gtcccagtat | ccagagagca | gcgaggaagc | 300 |
| agtgactctg | gtggaggatt | tgactcagat | tctagaagag | gaagctcttc | aaaactctac | 360 |
| cctttcccaa | gatacccaa | aggaagaccc | caaaggaaac | aagctttcca | gacaggatgg | 420 |
| ctaaatgaat | ttgtgaccac | | | | | 440 |

<210> 2273
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(613)
 <223> similar to gi2384711 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2273

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ggaatcggaa | gaaaatggag | agagtgcaat | ggacagcaca | gtggccaaag | aaggcactaa | 60 |
| tgtaccatta | gttgctgctg | gtccttgtga | tgatgaaggc | attgtgacta | gcacaggcgc | 120 |
| aaaagaggaa | gacgaggaag | gggaggatgt | tgtgactagt | actggaagag | gaaatgaaat | 180 |
| tgggcatgct | tcaacttgta | caggggttagg | agaagaaagt | gaaggggtct | tgatttgtga | 240 |
| aagtgcagaa | ggggacagtc | agattggtac | tgtggtagag | catgtggaag | ctgaggctgg | 300 |
| agctgccatc | atgaatgcaa | atgaaaataa | tgttgacagc | atgagtggca | cagagaaagg | 360 |
| aagtaaagac | acagatatct | gtccagtgct | aaaagggatt | gtagaaagca | gtgtgaccag | 420 |
| tgacgtctca | ggaaaggatg | aagtgcaccc | agttccagga | ggttgtgagg | gtcctatgac | 480 |
| tagtgctgca | tctgatcaaa | gtgacagtca | gtcgaaaaaa | gttgaagata | ccactatttc | 540 |
| cactggcctg | gtcgggggta | gttacgatgt | tcttgtatct | ggtgaagtcc | cagaatgtga | 600 |

```

<210> 2274
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (203)...(575)
<223> similar to gi5824904 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2274
tccgcgattc cgtctggata tgtggcggt gctgctagag ctggagcatt tgccgggttg      60
ggggctcctg cacattttta cagtcctcca gtccttctct ttcgtcagta taaaagatta      120
aactctacag aagaatgcaa tcaagtgatg gcttttcctt tagaatttga atatggaggc      180
tacaggaaca gatgaagttg acaagctaaa aaccaaattt atatctgctt ggaacaacat      240
gaaatatagt tgggtgttga aaacaaagac gtatttttagt agaaattctc ctgtattatt      300
gcttggaaaa tgttaccatt ttaaatatga agatgaagat aaaacggtac ctgcagagtc      360
gggatgtaca atagaggatc acgtaattgc aggaaatgta gaagaatttc gtaaagattt      420
catttctaga atatggctga cctacagga agaattccct caaatagaag gctcagcttt      480
gacaacagac tgtgggtggg gctgcacatt gagaactggc cagatgctct tggctcaagg      540
actcatacta cactttcttg gtagagcttg gacctggcct gatgctttga atattgaaaa      600
ttcagactct gaatcatgga cttccacac tgtcaaaaat atactggatc tttgagcatc      660
actttcaggg gaaga                                         675

```

```

<210> 2275
<211> 872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (83)...(439)
<223> similar to gi4678741 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2275
tttcgtgtgg tgtttctgga gaggcagatca gaggcagggg aaaaccacgc agaagcagga      60
gctgaagacc tcagaccggc accagggaca gcttaatgaa gacaaactga aggggaaact      120
gagatcctta gaaaaccagc tatacactg taccagaaa tactccctt ggggaatgaa      180
aaaagtacta ctggagatgg aagaccagaa aaccagctat gagcagaagg ccaaggagtc      240

```

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| actgcagaaa | gtgctggagg | agaaaatgaa | tgcagagcag | caactacaga | gcacacagcg | 300 |
| atccctggcc | ctggcagagc | agaagtgtga | agagtggagg | agccagtatg | aggctctgaa | 360 |
| ggaggactgg | aggacccttg | ggaccagca | cagggagctg | gagagccaac | tccacgtgct | 420 |
| tcagtccaaa | ctgcaggtac | caggcactgg | gggtggggag | ggaagacagg | gtatggggag | 480 |
| gagggatggg | gatgaaagaa | gctgttcttg | attagggact | ccaaaggcag | ctgacagcat | 540 |
| ctggctttca | gttctcagt | caccactact | ttgtaccaa | ttcactgttt | tggctctgaa | 600 |
| atctaatttt | gagtttagca | aggatgtctg | cattgtctcat | gcaaataaac | taagcggtca | 660 |
| ttggaatgac | accatcacca | cccaaatgaa | aagaactggc | tgggaatattc | atcagcctac | 720 |
| taatgtcatc | tcccaaccca | ctctccaaac | tccatcccaa | aaaagcatcc | agttcagaat | 780 |
| tgccactgt | tggcaaagaa | agaatgtcac | taattttatt | acagggagca | gatagcaggg | 840 |
| acttacagat | gaaccaggcc | ctgcgatttt | tg | | | 872 |

<210> 2276

<211> 522

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (522)...(423)

<223> similar to gi2852640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2276

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| cggacgcgtg | ggcgcgagg | cactgtttct | tttcagctct | cacagaacct | tcagcatccc | 60 |
| cagctgccc | gtctggcatc | ttcgaagtaa | ggagaggtga | gaatcctgtt | gcatgggtcaa | 120 |
| gtctggcttt | attttcttct | gagtatttgg | gcttggagg | tagggggtgg | gggctgatgc | 180 |
| acattgtatt | ttttttccca | tgtatcccca | aagtctaaac | gaatcatatt | tttttgtagc | 240 |
| ttcttctgat | aaagtaacat | atgctcaaag | tctgtagaaa | cttacttaaa | gtttctaaag | 300 |
| tggtaagagt | tggaggtggg | agatccagac | tgtcaagttc | tgtcacaact | gctttatggg | 360 |
| catctcatga | gcacctactt | taggttcagg | atggttgaat | acaaccagaa | tagccatta | 420 |
| tcctgagaaa | tacacatctt | aagaaaactg | gaagaatcat | cttcctttgg | ctttaaacat | 480 |
| ttatctatct | atctatctat | ctatctatct | atctatctaa | ct | | 522 |

<210> 2277

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (13)...(683)

<223> similar to gi53135 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2277

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| cggacgcgtg | ggtgcggaca | ggccttcac | cagaagaccc | atttgattgc | acaccgaaga | 60 |
| attcatactg | gagaaaaacc | atatgagtgc | agtaactgtg | gcaaatacctt | catttccaag | 120 |
| tcacaacttc | aggtacatca | acgtgttcac | acaagagtga | agccctatat | atgtaccgaa | 180 |
| tatgggaagg | tcttcagcaa | taattccaac | ctcattacac | ataagaaagt | tcaaagtaga | 240 |
| gagaaatctt | ccatatgtac | tgagtgtggg | aaggccttta | cctacaggtc | agagttgatt | 300 |
| attcatcaga | gaattcacac | tggagagaaa | ccttatgaat | gcagtgactg | tgggagagcc | 360 |
| ttcactcaga | agtcagcact | cacagtgcac | cagagaattc | atacaggaga | aaaatcgtat | 420 |
| atatgcatga | aatgtggact | ggccttcac | cggagggcac | acttgattac | acatcaaata | 480 |
| attcatactg | gagagaaacc | ttataaatgt | ggtcactgtg | ggaaattgtt | tacttccaag | 540 |
| tcacaactcc | atgttcataa | acgaattcac | acaggagaaa | agccctatgt | atgcaataaa | 600 |
| tgtgggaagg | cattcaccaa | ccggtcaaat | ctcattacac | atcagaaanc | tcatacagga | 660 |
| ggagaaaatc | ttgtatatgt | tcc | | | | 683 |

<210> 2278

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(554)

<223> similar to gi603857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2278

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| cccacgcgtc | cgtctaggtc | tgagacacag | tctcagtctg | agacatggga | ctgtgtctag | 60 |
| gtcagtcgca | cccatgagag | ggggagagat | cactgcacac | tggctcttga | ccaacagcac | 120 |
| aacatctgca | gatgtgacag | gaagctctgc | ttcatatcct | gaagggtgtga | atgcttcagt | 180 |
| gttgaccag | ttctcagact | ctactgtaca | gtctggagga | agtcacacag | cattgggaga | 240 |
| taggagttat | tcagagtctt | catctacatc | ttcctcgga | agcttgaatt | catcagcacc | 300 |
| acgtggagaa | cgttcgacct | tggaagacag | ccgagagcca | ggccaagcac | taggtgacag | 360 |
| ttccgccaat | gcagaggaca | ggacttctgg | ggtgccctct | ctcggcacc | acaccttggc | 420 |
| tactgtcact | ggaaacgggg | aacgcacact | gcggtctgtc | accctcacca | acaccagcat | 480 |
| gagcacgact | tctggggaag | caggcagccc | tgcagcggcc | atgcaccaag | aaacagaggg | 540 |
| tgccctctctg | cacgtaaacg | tgacggacga | | | | 570 |

<210> 2279

<211> 425

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (425)...(8)
<223> similar to gi562757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2279
gaagtattca ggttggctgt gtcagatgct aatgtgctga atcaacagtc attgcagatc 60
acgaagtgtc catcataact ggaatattcc atcagcttgc agtgctgtgg tgtgtgaggg 120
tctcgggcaa ctcaccccat tttccacagg ctcaggccca ggagggatgc agtccggctg 180
agggcgaggg tgtcaccagg acatggagag ggtgagatcc caaggccacn nnnnnnnnnn 240
nnnnnnagag gcacacactc tctccactat ngaaagaggg gatatgttac tcctgacaaa 300
agtcacggcc agagtgtctc ctgttgggct cttaggtatg tgcccgcctt ggggggccaa 360
ctgaagaaga agactggcat actattaggt gtgagtcctc agaagctagt ggatttgtgt 420
gctgg 425

<210> 2280
<211> 1090
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(323)
<223> similar to gi5809678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2280
tttttttttt ttaagcttga aataaaattt ttattttgtt ttgaattaaa tcaaccatga 60
ttattcacag tgcagtaagt gtgtatcatc tgtttgatat ttcatatta cagttttgat 120
agtgtctctc agtctgcgaa atcttctttg ggtggaaatg atgaactgtc agtactttc 180
ttagaaatga aaggacattt ctatatgtat gctggttctc tgctcttgaa gatgggtcag 240
catggttaata atgttcaatg gcgagctctt tctgagctgg ctgctgtgtg ctatctcata 300
gcatttcagg taagtcttcc acttggagca attgacattt cacggagtct tgatgtgttt 360
taaatagaagg tgtgctctgg tatgtaatga caatatgtga acaaacctgt ggaattaaag 420
ttaaaatgaa atagtcaatt tgatacagtg gaaaataact aagcatacac aatactggtg 480
aggctggtga aacagggatg ttgaatgcac tcttgtcgaa agcctgcatt gccatgattt 540
gtttgtagac aaatttgaag agtttgatct ttttactctg ccatttttgg gaacatgata 600
aagatgtaat ctcgtattat gggtaaagct tgattcaaaa agatgtgtta cttggacaaa 660

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| atcctaataa | gtagacgtag | ggcaatggct | ttatagccta | tgatagaaga | atatgattgc | 720 |
| aatttaacat | gttaattgaa | acacatgtat | ataacattta | tgactgtatt | gtgtatatgt | 780 |
| aacagtatat | ctattaatct | ttgaaaacat | aaaacctttt | cttatttttt | atttttttat | 840 |
| ttttttttga | gaccaagtct | ctctctgtcg | ccaggctgga | gtgcagtggt | gtgatctcgg | 900 |
| ctcactgcag | cctccacctc | ctgggttcga | gtgattctcc | tgccctcagcc | tcccagagtag | 960 |
| ctgggactac | aggcccatgc | taccaagccc | agctaatttt | ttgtattttt | aatagagatg | 1020 |
| gggtttcacc | atgttggcca | ggatggtcgc | aatctcttga | cctcttgatc | tacctgcctt | 1080 |
| ggtctcccaa | | | | | | 1090 |

<210> 2281

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (170)...(406)

<223> similar to gi1947073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2281

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaatgagcca | tcattgtcat | cgaaaaggaa | aatgtgtgaa | atggccacca | gtggtgacag | 60 |
| acaaagagac | tcagaagtta | atttcaagga | actgagaaca | gcaaaaatga | aacctgaact | 120 |
| actgagtggg | cacatccccc | caggccacat | tcctaaacct | atcgtgatgc | ccgactatgt | 180 |
| ggcaaaatac | cctgtgattc | agacagatga | tgagcgagaa | cgctataaag | ctgtgttcca | 240 |
| agaccagttt | tcagagtaca | aagagctgtc | tgacagaagt | caggctgtcc | tgaggaagtt | 300 |
| tgatgagctg | gatgcagtga | tgagcagatt | gccacatcat | tcggaaagcc | gacaggaaca | 360 |
| tgagagaatt | tcaagaatcc | atgaagagtt | taagaaaaaa | aaaa | | 404 |

<210> 2282

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(389)

<223> similar to gi3924672 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2282

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acaatgtgta | acctctgcc | gcgcagtttc | cgtacattcc | aggctttaaa | aaaacacttg | 60 |
| gaagcaggcc | accctgaact | gagtgaagct | gaacttcaac | agctatatgc | ctccttgccc | 120 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gtgaatggag | aactgtgggc | agagagcgaa | actatgtccc | aggatgacca | tggcctagag | 180 |
| caggaaatgg | agagagagta | tgaggtggac | cacgaaggga | aagcaagtcc | tgtaggaagt | 240 |
| gatagtagct | gtattccaga | tgacatgggc | tctgaaccaa | agcggacctt | acctttttaga | 300 |
| aaagggccca | attttacgat | ggaaaaattc | cttgatccat | ctcgtccata | taaatgtaca | 360 |
| gtgtgtaaag | agtcattcac | caaaaaaaaa | aaaa | | | 394 |

<210> 2283
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(153)
 <223> similar to gi2149156 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|-------------|-------------|--------------|------------|------------|-----|
| <400> 2283 | | | | | | |
| aaggggaaaa | aaatcgggtga | ccacgggtggc | tggcccccattg | gcccaggacg | tggagagcct | 60 |
| ggcgctgtgc | ctgcaagccc | tgctgagtga | agacatgtac | cgactggacc | ccactgtgct | 120 |
| ccagatgccc | tttagggagg | aggtgaagac | cccctttccc | accccaggct | gcagtgagtg | 180 |
| agaagcccac | atgctcagtc | cagtttggtt | ccttcccctg | ctggacacca | gctgctttgg | 240 |
| cttcttggtc | atctggagcc | atagcttgta | agtgcaccca | aagagggcct | ccagtgccat | 300 |
| atacccaacc | catgcagtta | gaatactcag | caagtgtggt | tgagagggtg | tggcatccag | 360 |
| ttaaagctggg | tttttaaccc | tctaggtaac | cctggccaag | tcacatctct | tctttcagcc | 420 |
| ttagcctccc | catcaatata | ataaagaggt | taggctggga | gat | | 463 |

<210> 2284
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (261)...(418)
 <223> similar to gi1877215 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| <400> 2284 | | | | | | |
| aactggaaga | gagcttttctt | tcttattcag | ccatctctttt | ttatagatga | ggaaattgag | 60 |
| gaccaagata | ttaaattatt | tgctctttgt | taacctaat | ttttaaaaga | tgatcaatta | 120 |
| tctgttaggc | ctgtggtatg | caggaatcta | cctattttat | ttggctgtgg | tgctttatgg | 180 |
| cagttaggtc | agtgattgca | aatgggcttg | tggtgtctac | tcttagagta | gactggataa | 240 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| actcttctgt | ttgtcaacta | cagcctggca | gtgagctgga | caacttggag | gagattttgg | 300 |
| atgatttgca | gaatagtcaa | ttaccacagc | ttttcccaga | cacgaggcca | ggcgccccctg | 360 |
| ctggatcagt | tgacaagcaa | gccatcatca | atgacctcat | gcaactcaca | gctga | 415 |

<210> 2285

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(322)

<223> similar to gi3342752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2285

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtcagattgg | ttgtggagaa | tgggctgtgt | ctctgagctg | tttaaaggca | agtcagaggc | 60 |
| gtagttgtta | atgaaatttg | ctctaagtta | acctgtcttc | ttcttttgac | cctccagaag | 120 |
| gaattacgga | gatatagaat | tgctgttcca | gctgctccga | gcctttactg | gtcgttttct | 180 |
| ctgcaacatg | acattcttaa | aagagtatat | ggaggaagag | attcccaaaa | attacagcat | 240 |
| cgctcagaaa | cgtgccctgt | tctttcgctt | tgtagacttc | aacgacccca | acttcggaga | 300 |
| tgaattaaaa | gctaaagtga | gtcccactct | tatgctgtag | aagggtatgg | gtatttggtc | 360 |
| tggttttcta | gggaactttg | ggcccttttc | tttttttgc | gtgtcactct | tgaataaata | 420 |
| gtagagttag | ccaggtgctg | tggcatgtgc | ctgtaatccc | aggtaatcag | gaggccacag | 480 |
| cgggaggatt | gcttgagctc | aggagttaga | ggctgcaccg | agctataatc | acaccactgc | 540 |
| atcccagcat | gggtgacaca | atgagactct | gtctcaag | | | 578 |

<210> 2286

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (68)...(682)

<223> similar to gi310183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2286

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcaacaccca | tcccaggaaa | agccacaagt | cctgaccccc | agccccagga | agcagaagct | 60 |
| gaacagaaag | tacaggtccc | accatgacca | gatgatctgc | aagtgcctct | ccctgagcat | 120 |
| atcctactcc | gctaccattg | goggcctgac | caccatcatc | ggcacctcca | ccagcctcat | 180 |
| cttctctgga | cacttcaaca | accagtatcc | agcctcagag | gtggtgaact | ttggcacctg | 240 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| gttcctcttc | agcttcccca | tatccctcat | catgctggtg | gtcagctggt | tctggatgca | 300 |
| ctggctgttc | ctgggctgca | attttaaaga | gacctgctct | ctgagcaaga | agaagaagac | 360 |
| caaaagggaa | cagttgtcag | agaagaggat | ccaagaagaa | tatgaaaaac | tgggagacat | 420 |
| tagctaccca | gaaatggtga | ctggattttt | cttcaccttg | atgaccgtac | tgtgggtttac | 480 |
| ccgggagcct | ggctttgtcc | ctggctggga | ttctttcttt | gaaaagaaaag | gctaccgtac | 540 |
| tgatgccaca | gtctctgtct | tccttggcct | cctcctcttc | ctcattccag | cgaagaagcc | 600 |
| ctgctttggg | aaaaagaatg | atggagagaa | ccaggagcac | tcactgggga | ccgagcccat | 660 |
| catcacgtgg | aaggacttcc | | | | | 680 |

<210> 2287
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(99)
 <223> similar to gi2662163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| <400> 2287 | | | | | | |
| atgcacacag | gcgagcggcc | gtacacctgc | accgtgtgca | gcaaggctct | gaccaccaag | 60 |
| cactcactgc | tggagcacat | gagcctgcac | tcaggtagtg | gggcttgccc | agagggccag | 120 |
| cttcaccaga | ttcccattcc | ccagggtggg | cattaccaac | acctaaatgg | tgttttctca | 180 |
| gcctagtatc | atttccaacg | tgggtgtcatt | gaaagacagg | attttgcac | tgtctgagtg | 240 |
| cagtttagag | ttctgcacgg | atcattaaac | tagagcttat | aaactggctg | ctgggagttt | 300 |
| agtgtgcaag | catgttttat | taaaccacca | aagtttagaa | ttgttttact | ttgaacgccc | 360 |
| tcgtgccg | | | | | | 368 |

<210> 2288
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(596)
 <223> similar to gi4884492 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 2288 | | | | | | |
| aaagatgcat | gttctgccac | taattggtgg | aaaagtagaa | gaattgaaaa | agcaccaaca | 60 |
| ctgttttagca | tttagctcct | ctggacccca | aagccagact | tactacattt | gctttgatac | 120 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tttcacagaa | tacttaaggt | ggctgcgaca | agtctccaag | gttgcattccc | agcgcattag | 180 |
| ctcagtggac | ctctcgtggt | gtagcctgga | acatctgcct | gccaacctct | tctacagcca | 240 |
| agacctcact | catctcaatt | taaaacaaaa | cttcctaagg | cagaacccta | gccttccagc | 300 |
| tgccaggggg | cttaatgaac | tgcaaagggt | caccaagttg | aagagtctta | acctttccaa | 360 |
| taatcattta | tgggacttcc | cactggcagg | ctgcagtatt | ccaaccctgg | cagagctgaa | 420 |
| cgagtgctgc | aatgccctgc | gaacaatccc | ggcatgcggt | ggagagatgc | acaacttaca | 480 |
| gacattttta | gcggacggaa | actttctcca | aacccttgct | gctgaggtgg | agaacatgaa | 540 |
| gcagcttatt | tatctgggcc | tttctttcta | tgaaattact | gacattcccg | aagt | 594 |

<210> 2289
 <211> 590
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (122)...(325)
 <223> similar to gil545952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|-------------|---|
| <400> 2289 | |
| tcaaactggt | aggtttttagc agttaaatca ggatgtatag aacagtttac tccatgtcga 60 |
| ttaatgctag | tgcttttgggt caatgcacag gctctgtgac tgatgatgtg ttttttttgc 120 |
| agacaccagt | tggcgctccg aggcaacctt tcagttcact gtggagcgct tcagcagact 180 |
| gagtgaagtcg | gtcccttagcc ctccgtgttt tgtgcgaaat ctgccatgga agattatggt 240 |
| gatgccacgc | ttttatccag acagaccaca ccaaaaaagc gtaggattct ttctccagtg 300 |
| caatgctgaa | tctgattcca cgtaagacag tttaaatgat gcaactacaa acccccacat 360 |
| cgttgtattt | cattactgga agccaaattt gatcagccta gtgcaatttt atcttaagtt 420 |
| atttgctgcc | tctacatagc cttttgattt taaattagat taaatacgtg tttctcttta 480 |
| aaaccctactg | gtatatgtat aatatccaag ctagaaaagt atatttttat cttgtaagtg 540 |
| aaaaaactaa | aaatagtttg ttagaatctc cagcatcccc cctcaaacct 590 |

<210> 2290
 <211> 1234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(1006)
 <223> similar to gil750403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2290
tatttggtag gcatcagttc aaaatagctt tcttcagtga gttgaaacaa gatacacaaa 60
atgcgctgaa gaattatagg accgcctata atcttgtaga cgaattgaga gcccatgaaa 120
ctaataattct ggaaattaag actatggcag gatttataaa ctacaagatc tgtaggctgt 180
gttttcaaca caacacccca ttggatgcaa ttgctcagtt ccgaaaacac atcgacttgt 240
gtaagaaaaa gattggaagt gcggagctgt cttttgagca tgatgcatgg atgtctaaac 300
aattccaggc ctttggagat ttatttgatg aagctattaa gttagggtta acagctattc 360
aaactcagaa tcctggtttc tattaccagc aggcagcata ctatgccag gagcggaaac 420
agcttgcaaa aaccctctgt aaccacgaag cttctgtaat gtatcccaat cctgatccct 480
tagaaacaca aacaggcggt cttgactttt atggacaaag atcatggcga caaggaatac 540
taagtttga tctttctgat cctgaaaaag aaaagggtggg aattcttgcc attcagctga 600
aggagagaaa tggtgttcac tctgagataa tcataactct tctgagcaat gctgttgac 660
agttcaagaa gtataagtg cgcgaatga aaagtcacct aatgggttcag atgggagagg 720
aatattatta cgcaaaggat tataccaaag ctttgaagtt gctggattat gtgatgtgtg 780
attatcggag tgaaggatgg tggactctgc tcacttctgt attaaactaca gctctgaagt 840
gctcctacct catggcccaa ttaaaggatt acattactta ctccctagaa ctcttggtta 900
gagcttcaac tctgaaagat gaccagaagt ctcgataga aaagaacctc ataaatgttt 960
taatgaatga aagtcctgat ccagaacctg actgtgatat cttagctgtg aaaactgctc 1020
agaagctgtg ggcagaccga atttctctgg ctggcagcaa tattttcaca ataggagtac 1080
aggactttgt gccatttgtg cagtgcaaag ccaagtttca tgccccaagt tttcatgttg 1140
atgttctctg tcagtttgat atttatctga aggctgattg tccacatccc attaggtttt 1200
ccaagctctg tgtcagcttt aataatcagg aata 1234

```

```

<210> 2291
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(486)
<223> similar to gi207621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2291
cttgaaagag aaggggacaa aggaacacca gtattaagag gattttccag tgtttctggc 60
agttggtcca gaaggatgcc tccattcctg cttctcacct gcctcttcat cacaggcacc 120
tccgtgtcac ccgtggccct agatccttgt tctgcttaca tcagcctgaa tgagccctgg 180
aggaacactg accaccagtt ggatgagtct caaggtcctc ctctatgtga caacctgtg 240
aatggggagt ggtaccactt cacgggcatg gcgggagatg ccatgcctac cttctgcata 300
ccagaaaacc actgtggaac ccacgcacct gtctggctca atggcagcca cccctagaa 360
ggcgacggca ttgtgcaacg ccaggcttgt gccagcttca atgggaactg ctgtctctgg 420
aacaccacgg tggaagtcaa ggcttgccct ggaggctact atgtgtatcg tctgaccaag 480
cccagcgttt g 491

```

<210> 2292

<211> 983
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(206)
 <223> similar to gi3695143 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2292
tgcggccgca ccatgagcga catccgccac tcgctgctgc gccgcgatgc gctgagcgcc      60
gccaaggagg tggtgtacca cctggacatc tacttcagca gccagctgca gagcgcgccg      120
ctgcccacgc tggacaaggc ccccgaggag ctgctggagg agttcgtgtt ccagggtgcc      180
aaggagcgca gcgcgcagcc caagagactg aattcccttc aggagcttca acttcttgaa      240
atcatgtgca attattttcca ggagcaaacc aaggactctg ttcggcagat tattttttca      300
tcccttttca gccctcaagg gaacaaagcc gatgacagcc ggatgagctt gttgggaaaa      360
ctggtctcca tggcgggtggc tgtgtgtcga atcccgtgtg tggagtgtgc tgcctcctgg      420
cttcagcgga cgcccggtgt ttactgtgtg aggttagcca aggcccttgt agatgactac      480
tgctgtttgg tgccgggatc cattcagacg ctgaagcaga tattcagtgc cagcccgaga      540
ttctgtgcc agttcatcac ctccgttacc gcgctctatg acctgtcatc agatgacctc      600
attccacctt tggacttgct tgaaatgatt gtcacctgga tttttgagga cccaagggtg      660
attctcatca cttttttaaa tactccgatt gcggccaatc tgccaatagg attcttagag      720
ctcacccgcg tcgttggtgt gatccgctgg tgcgtgaagg cacccttggc ttataaaaagg      780
aaaaagaagc ccccttatc caatggccat gtcagcaaca aggtcacaaa ggacccgggc      840
gtggggatgg acagagactc ccacctcttg tactcaaaac tccacctcag cgtcctgcaa      900
gtgctcatga cgctgcagct gcacctgacc gagaagaatc tgtatggggc gcctggggct      960
gatcctcttc gaccacatgg tcc                                     983
  
```

<210> 2293
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (404)...(247)
 <223> similar to gi4240243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2293
aatacacccc tctgaaagtt aattaagaat gaannnnnnnn nnnnnnnnnn nnnnnnnnnn      60
  
```

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 120 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 180 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnntagataa | 240 |
| atgtttgtag | ctaaaacaca | cgaaatatca | cgaacagtct | ttttaagat | aaaacatgta | 300 |
| atcaccataa | caactggaag | caataatgtc | tttgtgtatc | tcagtggagt | cgctttttcc | 360 |
| atgaagtcaa | attcggggagc | acaggtgtat | attaaagtat | caan | | 404 |

<210> 2294
 <211> 526
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (92)...(285)
 <223> similar to gi500832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| <400> 2294 | | | | | | |
| cggtcgtgcc | nnatttgaac | cccttctttg | atcggcctgc | agtaccgggc | cggaattacc | 60 |
| cggtcgagcc | acgcgttcgc | tcacgcgtcc | ggccaaccag | aagggttgcg | acggggaccg | 120 |
| cctgtactac | gacggctgtg | ccatgatcgc | catgaacgga | agcgtctttg | ctcaaggatc | 180 |
| ccagttttct | ctggatgacg | tggaagtcc | gacggccacg | ctggatctgg | aggacgtccg | 240 |
| gagctacagg | gcgagattt | catctcgaaa | cctggcggtg | agtgtccag | tagacacctg | 300 |
| tgtgggatgc | tcataaaga | cgtggaaagt | ggccccattc | gtgcgggcct | ggtggaggcc | 360 |
| gtgagggtgc | agtgcctgaa | aagtctgaca | gggaagttcc | ggacttccc | agcgtggaaa | 420 |
| ggggctgggtg | ccgcagacag | aacctgcttc | catctgttcc | ccgtcatcct | ctgcttgggc | 480 |
| caggccctga | gctgggggtga | gctgggggaca | ggcaggcagg | tgtatt | | 526 |

<210> 2295
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(425)
 <223> similar to gil663648 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2295
tttcgtggct gataatgtga tttttgagag actttcaaaa gactcaaaat atatggagga      60
aacattatgc catctggaat actttgctac ggaaggcttg cggactctct gtgtggctta      120
tgctgatctc tctgagaatg agtatgagga gtggctgaaa gtctatcagg aagccagcac      180
catattgaag gacagagctc aacggttgga agagtgttac gagatcattg agaagaattt      240
gctgctactt ggagccacag ccatagaaga tcgccttcaa gcaggagttc cagaaacccat      300
cgcaacactg ttgaaggcag aaattaaaaat atgggtgttg acaggagaca aacaagaaac      360
tgcgattaat ataggggtatt cctgccgatt ggtatcgcag aatatggccc ttatcctatt      420
gaagga                                         426

```

<210> 2296

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (179)...(357)

<223> similar to gil80251 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2296
ggggcgggcc ccccaggtag gcatggctgc tgccccagc ccatttcttt tgaatctgtt      60
cactcctatt cactcctact tgccactcct tctattcatt actcactgcc cctgccccta      120
gtcccatggt tacccctgag ccatgggcat ttcttgagcc ccactcagca ggctctgctt      180
ccccaggtc ctggtgaacg agggcggtag ctttgaccgg gcctctggct ccttcgtagc      240
ccctgtccgg ggtgtctaca gcttccggtt ccatgtggtg aaggtgtaca accgccaac      300
tgtccaggtg acctcagcac tggcccccat ccccggtca ggagggtggg gagggggaag      360
aaggggagcc cagctgacct ccgggtggac tctccattga cctgtgtcct ggacgaaa      418

```

<210> 2297

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (93)...(456)

<223> similar to gi5813801 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2297
tttcgtccga aaggtctggt cgcagagaca ggaacgtgta atcctcagcg tgctccagcc      60
cacagcttcg ctctactgct cggcagggca gctggcctct gggcaccggc ggccccctctg    120
cctcgcggaa aagcctgatg aagtcctccg atattgatca ggatttattc acagacagtt      180
actgcaaggt gtgcagtgca cagctgatct ccgaatcgca gcgtgtggcc cactacgaga      240
gtcgaaaaca tgcaagcaaa gtccgactgt attacatgct tcaccccagg gatggaggggt     300
gtcctgccaa gaggtccggg tcagaaaatg gaagtgatgc cgacatgggtg gataagaaca     360
agtgtgtcac actctgcaac atgtcattca cttcagcggg ggtggccgat tcccattatc     420
aaggcaaaat ccacgccaag aggttaaaac tcttgctag                               459

```

```

<210> 2298
<211> 406
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(408)
<223> similar to gi2914017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2298
tttcgtgtca gccgaggcca ttctcaaacg agagtccggg gctgctgagc aggtggataa      60
caagggccgg aatttccttc atgtggcagt tcagaactct gatattgaaa gtgtgctgtt     120
cctgatcagt gtccacgcta atgtgaattc aagagtcca g gatgcctcca agttgacccc     180
cctgcacctc gctgtccaag caggctcaga aattattgtc cgcaatttgc ttcttgccggg     240
agccaaagtg aacgaattaa ctaagcatcg ccagactgcc ctccatcttg ctgccagca       300
ggacctgccc accatctgct cagtcctcct agagaatggc gtggactttg ctgccgtgga     360
tgagaatgga aacaatgctc ttcattctgc tgtcatgcac ggccgg                               406

```

```

<210> 2299
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (26)...(413)
<223> similar to gi746490 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2299
gagtaccctg ccggaattcc cgggacgagc accaaccggc ttctctaaac tcttggtgta      60

```

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| taagaacagc | gaactgttta | ggaaatacgc | cctgttttct | ccctcagacc | accgagtgcc | 120 |
| tagaatttat | gtgcctctca | aggactgtcc | ccaggacttt | gtggcacggc | ctaaagatta | 180 |
| tgccaacaca | ctgttcattct | gccgcattgt | ggactggaag | gaggactgca | attttgcct | 240 |
| ggggcagctg | gctaagagtc | ttgggcaggc | tggtgaaatt | gagcctgaaa | cagaaggaat | 300 |
| actaacagag | tatggcgtgg | atctctctga | tttctcttca | gaagttctag | aatgtcttcc | 360 |
| tcaaggcctg | ccatggacaa | ttccaccaga | ggagttcagc | aagagaaggg | ttgtatt | 417 |

<210> 2300

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(433)

<223> similar to gi5689559 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2300

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtctta | ggaagtgagt | gtgcgcgcgc | gcttgtgggg | agatgaggca | gctgctgcgc | 60 |
| ccgattgacc | gccagcgata | cgacgagaac | gaggacttgt | cggacgtgga | ggagatcgtc | 120 |
| agcgctccgc | gcttcagcct | ggaggagaag | cttcgcagcc | agctgtacca | gggggacttc | 180 |
| gtgcacgcca | tggagggcaa | agatttcaac | tatgagtacg | tacagagaga | agctctcagg | 240 |
| gttcccctga | tatttcgaga | aaaggatgga | ctgggaatta | agatgcctga | ccctgatttc | 300 |
| acagtccgag | acgtcaaact | cctagtgggg | agccggcgcc | ttgtggacgt | gatggatgtg | 360 |
| aacacccaga | agggcacgga | gatgagcatg | tcccagtttg | tgcgttacta | cgagacgccc | 420 |
| gaggcccagc | gggacaagct | g | | | | 441 |

<210> 2301

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(975)

<223> similar to gi3327214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2301

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtcgca | ggccacgaga | agctgccggt | gcacgtagaa | gacgccctca | cctatctgga | 60 |
| ccaggtgaag | atccgctttg | gcagcgaccc | tgccacctac | aacggcttcc | tggagatcat | 120 |
| gaaggagttc | aaaagccaga | gcatcgatac | tcctggagtc | atcagacgtg | tctcgcagct | 180 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|------|
| cttccacgag | caccctgacc | tcattgttgg | attcaacgct | tttcttcccc | tcggatatag | 240 |
| aatagacatt | cccaagaatg | gcaagttaaa | catacagtcg | cctctgacaa | gccaggagaa | 300 |
| ttcgcacaa | cacggggacg | gtgcagagga | cttcaagcag | caggtgccgt | ataaagagga | 360 |
| caaacccag | gtgccctgg | agtccgattc | cgtggaattc | aacaacgcca | tcagctatgt | 420 |
| gaataagatt | aaaacccgct | tcctagacca | cccagaaatc | tacaggatcat | tcctggagat | 480 |
| cctgcacacg | taccagaagg | agcagctgaa | cacgaggggc | cggccattcc | gaggcatgtc | 540 |
| tgaagaggag | gtgttcaccg | aggtggccaa | cctcttccgg | ggccaggagg | acctgctctt | 600 |
| agagtttggg | cagttcctgc | ccgaagccaa | gcggtctctg | tttacaggaa | acgggcccgtg | 660 |
| cgagatgcac | agcgtgcaga | agaacgagca | cgacaagacc | ccggagcaca | gcaggaagcg | 720 |
| ctcccggccc | tcgctcctcc | gccccgtgtc | tgcacccgcc | aagaaaaaaa | tgaaacttcg | 780 |
| tggtagcaaa | gacctgtcca | tcgctgcagt | ggggaagtac | gggactctgc | aggaattttc | 840 |
| tttctttgac | aaggtccgcc | gggtgctgaa | gagccaggag | gtgtatgaaa | acttcctccg | 900 |
| ctgcatcgca | ctcttcaacc | aggagctggg | gtctggctct | gagctcctgc | agctcgtcag | 960 |
| cccatttctg | gggtgagcag | ctgacttccc | agggctccct | aggggggttc | tgttcctgtc | 1020 |
| aactccatct | acttggtttt | tagttactgt | ttttgagcaa | tgattgtgct | tttctaaaat | 1080 |
| cctgtttatt | aattgacgtg | attgatataa | ttattgattc | ccatgcattt | gtaaggagca | 1140 |
| atacaccacc | tgggtaccct | ccagctgggt | cctttaccag | taacatctgt | agtcagtatc | 1200 |
| ctcaccagaa | tacagtgggt | cctcgagtaa | tgccttttca | tttaacactg | ttttaacacc | 1260 |
| gatgagaaaa | gaagacattc | atttctgggtc | tgagtggagt | ttgcacgttc | tccccatgtc | 1320 |
| tgcgtggatt | ttctcccaca | tcccaaagat | gtgcatgtta | ggttaagtct | aggttaagcg | 1380 |
| gtgagtctcc | gtggtcccag | cctgagttag | tgtggcgggg | tgagcgccct | gcagtggggg | 1440 |
| ggcgtcctgt | ccagggtggg | tgccccactg | gtgctctgag | ctgctgggat | aggggtccggc | 1500 |
| cacccaagat | cctgaactgg | aataattggg | taaattgtta | ttttacttgt | ttttactcat | 1560 |
| ctttcttatt | tgtatgtgtg | gcttgcatth | attttagtgt | ttaatattag | aagtgttttg | 1620 |
| gtctctcttt | agaaatttgg | tgattgtttt | gtgacaaaaa | atacgccgta | ggaacgtcat | 1680 |
| tcttgtttat | gtgtcaatta | gcttgtggca | aaattggttt | tgttacacat | cttttcaact | 1740 |
| taaagacaca | gctttctaac | acaaaaat | | | | 1768 |

<210> 2302

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(461)

<223> similar to gil842427 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2302

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| gtctacgcca | agcttggcac | gaggcagaag | gggcaccacg | gtgcagctgg | agtgtcgggt | 60 |
| gaagcacgac | ccctccctga | aactcacctg | ctcctggctg | aaggatgacg | agccgctcta | 120 |
| tattggaaac | aggatgaaga | aggaagacga | ctccctgacc | atctttgggg | tggcagagcg | 180 |
| ggaccagggc | agttacacgt | gtgtcgccag | caccgagcta | gaccaagacc | tggccaaggc | 240 |
| ctacctcacc | gtgctagctg | atcaggccac | tccaactaac | cgtttggctg | ccctgccccaa | 300 |
| aggacggcca | gaccggcccc | gggacctgga | gctgaccgac | ctggccgaga | ggagcgtgcg | 360 |
| gctgacctgg | atccccgggg | atgctaacaa | cagccccatc | acagactacg | tcgtccagtt | 420 |
| tgaagaagac | cagttccaac | ctgggggtctg | gcatgacca | | | 459 |

<210> 2303
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(696)
 <223> similar to gil389756 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2303

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| acctcatatt | attggagcag | aagatgatga | ttttgttact | gaacatgaac | agatcaatgg | 60 |
| acagtgcagc | tgtttccaga | gcattgaatt | gctaaaatct | cgcccggctc | atttggctgt | 120 |
| tttcttacgc | catgtagttt | cacaatttga | ccctgcgact | ttgctttgtt | atctctattc | 180 |
| agacctgtat | aaacatacca | attccaaaga | aactcgtcgc | atcttccttg | agtttcatca | 240 |
| gttcttttcta | gatcgatcag | cacacctgaa | agtttctgtt | cctgatgaaa | tgtctgcaga | 300 |
| tctagaaaag | agaagacctg | agctcattcc | tgaggatctg | catcgccact | atatccaaac | 360 |
| tatgcaagaa | agagtccatc | cagaagttca | aaggcactta | gaagattttc | ggcagaaacg | 420 |
| tagtatggga | ctgaccttgg | ctgaaagcga | gctgactaaa | cttgatgcag | agcgagacaa | 480 |
| ggaccgattg | actttggaga | aggagcggac | atgtgcagaa | cagattgttg | ccaaaattga | 540 |
| agaagtattg | atgactgctc | aggctgtaga | ggaagataag | agctccacca | tgcagtatgt | 600 |
| tattctcatg | tatatgaagc | atttgggagt | aaaagtgaag | gagcctcgaa | atttggagca | 660 |
| caaacggggg | cggattggat | ttcttcccaa | aatcaagcaa | agtatg | | 706 |

<210> 2304
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(462)
 <223> similar to gi3047242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2304

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tccatgggga | gtgattgaaa | acagaaatga | tcttgttggg | agagatgtgg | ttgtctctta | 60 |
| tcaaacctta | ttgaaccccc | tgagcaaatt | gaatgttttg | aataatctgc | attcccattt | 120 |
| catattgggtg | gatgatggca | ctgttggaaa | gtatggggcg | gaagtcagac | tgagaagaga | 180 |
| acttgaaaaa | actattaatc | agcaaagaat | tcatgctagg | attggccagg | gtgtccctgt | 240 |
| ggtggcactt | atatttgagg | gtggggccaaa | tgttatcctc | acagttcttg | aataccttca | 300 |
| ggaaagcccc | cctgttccag | tagttgtgtg | tgaaggaaca | ggcagagctg | cagatctgct | 360 |
| agcgtatatt | cataaacaaa | cagaagaagg | agggaatctt | cctgatgcag | cagagcccga | 420 |

tattattttcc actatcaaaa aaacatttaa ctttggccag tgtatt

466

<210> 2305

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(711)

<223> similar to gi3874946 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2305

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ttcctgatgt | aaatgatgcc | attgtgtaac | tattcaatga | ttatgatggt | aaggcaacct | 60 |
| cccatcattt | agtgggtgtg | catctagatc | tacgcatatg | tgatgcattt | catgctaaag | 120 |
| aaaaagagtc | aagctcacgt | acaagtggag | gggcaatgca | actctctttt | gcacagctaa | 180 |
| ctatagatta | ttatccgtat | cataaagcag | gagatagttg | taatcattgg | atgtatttta | 240 |
| gtgatgcaac | caaaacaaaa | aatggatggg | ccaatgagtt | attgcatgaa | tttgagtgca | 300 |
| acgttgaaat | gcttaaacag | gctgtgaagg | atcataatgt | aggttcacct | cctaaatccc | 360 |
| caacacatgc | ctctccccag | cacacacaaa | cagagaagga | ctaccctctg | aaagggacat | 420 |
| gcagaacacc | ttcagtatta | tctcaacaat | caaaagctaa | gctaattgtct | agttctgttg | 480 |
| tggttagact | tgagattttc | aatatatacc | aggtctctac | agcggaaaca | tgctgttctt | 540 |
| cccccaaaag | catgatttgc | tgcaataaaa | aatccctata | tcttccacaa | gaaatgtcag | 600 |
| ctgtctatat | agaattcaca | gaatattact | atccagatgg | aaaggatttt | ccaattccat | 660 |
| ctcccaacct | ctatagccag | ctgaatgcac | tacagtttac | tgtgggatg | | 708 |

<210> 2306

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(436)

<223> similar to gi4512334 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2306

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| caagggagggg | gggttgatcc | cctggcacag | gtcgaggccc | tggaaccaca | tcctttgtct | 60 |
| gcctccccac | cccacagtgc | ccgttcacgc | acgatttcat | cctggccctc | cataggaaga | 120 |
| tcaagaatga | gcccgtgggtg | tttctgagg | ggccagaaat | cagcgaggag | ctcaaggacc | 180 |
| tgatcctgaa | gatgttagac | aagaatcccg | agacgagaat | tggggtgcca | gacatcaagt | 240 |

| | |
|--|-----|
| tgaccccttg ggtgaccaag aacggggagg agcccccttc ttcggaggag gagcactgca | 300 |
| gcgtggtgga ggtgacagag gaggagggtta agaactcagt caggctcatc cccagctgga | 360 |
| ccacggtgat cctggtgaag tccatgctga ggaagcgctc ctttggaac ccgtttgagc | 420 |
| cccaagcacg aatggcgaa | 439 |

<210> 2307

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> similar to gi3645961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2307

| | |
|--|-----|
| ttgcaaggat gctccccctcc tgagtgcac cgcactctacc tgaccgtggc caggaaatgg | 60 |
| cctttctttg gtgctaaact ttttgctgct cagcctgccc agctgtcttc caaggagaac | 120 |
| gctctgggtg ggattgctgt gaatgaggat ggcgtcagca tcctggacca caacactatg | 180 |
| caagtgcaca tcacttaccc ctactcttca gtgacaacgt ttggtggctg cagggatgac | 240 |
| ttcatgcttg tgattagatc tatcccagac aagagctctg gaaaaagcca cattgagaag | 300 |
| ttgatcttcc ggatggctgc tcccaagatt gcagaagcca ccttcatcat ggccagctat | 360 |
| atgaaccatt gcactacaac tgtgaacccc cccaccatgt att | 403 |

<210> 2308

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(539)

<223> similar to gi3327146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2308

| | |
|---|-----|
| accatggctt gggctcagca tgggtcccca gccatcggcg ggtgaaccca cccacactgc | 60 |
| gcattaagaa gctgaactgg cagaagctgc catccaacgt ggcacgtgag cacaactcta | 120 |
| tgtgggcgtc cctgagcagc cccgacgcc aggtgtgga gcccgacttc tccagcatcg | 180 |
| agcgactatt ctcttccct gcagccaagc ccaaggagcc caccatgggtg gcccccgagg | 240 |
| ccaggaagga gcccaaggag atcactttcc tcgatgccaa gaagagcctg aacctcaaca | 300 |
| tcttcttgaa gcaatttaag tgctccaacg aggaggtcgc tgctatgac cgggctggag | 360 |

| | |
|--|-----|
| ataccaccaa gtttgatgtg gaggttctca aacaactcct taagctcctt cccgagaagc | 420 |
| acgagattga aaacctgcgg gcattcacag aggagcgagc caagctggcc agcgccgacc | 480 |
| acttctacct cctcctgctg gccattccct gctaccagct gcgaatcgag tgcattgctgc | 540 |
| tgtgtgaggg c | 551 |

<210> 2309
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(562)
 <223> similar to gi3243075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|---|-----|
| <400> 2309 | |
| cccacgcgtc cggaataaaag atagataaga cttccgatgg accaaaaactt ttcttaacag | 60 |
| aagaagatca aaagaaaactt catgattttg aagagcagtg tggtgaaatg tatttcaatg | 120 |
| aaaaagatga caaatttcat tctggggagtg aagagagaat tcgtgtcact tttgaaagag | 180 |
| tggaacagat gtgcattcag attaaagaag ttggagatcg tgtcaactac ataaaaagat | 240 |
| cattacaatc attagattct caaattggcc atttgcaaga tctttcagcc ctgacggtag | 300 |
| atacattaaa aacactcact gccagaaaag cgtcggaaag tagcaaagtt cataatgaaa | 360 |
| tcacacgaga actgagcatt tccaaacact tggctcaaaa ccttattgat gatggctctg | 420 |
| taagaccttc tgtatggaaa aagcatgggtg ttgtaaatac acttagctcc tctcttcctc | 480 |
| aaggggatct tgaaagtaat aatccttttc attgtaatat tttaatgaaa gatgacaaaag | 540 |
| atccccagtg taatatattt ggtcaagact tacctgcagt accccagaga aaagaattta | 600 |
| attttccaga ggctggttcc tcttctgggtg ccttatccccc aagtgtgtgt tcccctccag | 660 |
| aactgcgaca gagactacat ggggtagaac tcttaaaaaa atttaataaa aaacaaaaaa | 720 |
| aaagggcggc | 730 |

<210> 2310
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(321)
 <223> similar to gi3924708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2310

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cggacgcgtg | ggtcgaatgc | taacagccac | agtacatagc | acctttaatg | gcaaatttcg | 60 |
| atcccagtg | atccagaaat | tcaactgtca | gatattttga | taatggcaca | gcacttgagg | 120 |
| tccagtggga | ccatgtacat | ctccaggata | attataacct | gggaagcttc | acattccagg | 180 |
| caaccctgct | catggatgga | cgaatcatct | ttggatacaa | agaaattcct | gtcttggtca | 240 |
| cacagataag | ttcaaccaat | catccagtga | aagtcggact | gtccgatgca | tttgtcggtg | 300 |
| tccacaggat | ccaacaaatt | cccagtagct | agaagaagg | cagtcgcaat | gagtgagcct | 360 |
| ctgtgggggt | aaatttaaag | gagattggc | tatggcagct | gtacctgaat | t | 411 |

<210> 2311

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (286)...(396)

<223> similar to gi4206390 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2311

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agctgttccc | cccggccagc | gcagcagggc | agccggaccc | cagacccaca | gtgagtggcc | 60 |
| atgtctttaa | caaaccctcg | cctcaggctc | tgacactgcc | accttccaat | cctgcccccc | 120 |
| ttcaccttgg | ccacgggcct | cgatcattgg | ccttagtcaa | actgcaggtc | ttctctttgt | 180 |
| gtccctgagt | caggcagggg | gacctggaga | ccctaaggcc | caagtggggg | gagttggagc | 240 |
| ctggcgccct | ggccctcaag | ctgacgcctg | tgtgacgggc | tctttcccca | gcaggatcct | 300 |
| gcagcccccg | ctccgtgtga | ggagaccag | ctctccttgc | tgccacttca | ggggtgcggc | 360 |
| ctgatggagg | ggaagacgat | ggaggcgaag | accac | | | 395 |

<210> 2312

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(233)

<223> similar to gi258001 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2312

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agatttttgt | ttgtttaaac | aaacttattc | cttattttctg | gtttttaaaa | acaattgttt | 60 |
| ctttaactta | agacacttca | tcttgaattt | tttaaaggca | gcctattaac | acatcccttt | 120 |
| aacttactta | ttctttgtat | tctctaagga | agcactacag | ttcgtaagga | gatcatcagg | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aataagatca | gagccattgg | gaagatggca | cgggtctttt | caattcttcg | gtaaggatgt | 240 |
| ctgtcattac | agtgcggatt | aaaggcattt | tgagagtaaa | ttagacgtcg | aattcagaac | 300 |
| agttttttta | gaattggaat | gtagtattga | aactgcaggt | cttttaggtt | agtgcaaatt | 360 |
| caatgaacat | gtttaagcga | ctaaaaatgt | tccagcaaac | attgatttgt | tagtagctta | 420 |
| aatgtagtga | atgtagtggt | ttagtggtga | ctttccaacc | cgattgcctg | tgttcaaatt | 480 |
| ctggctctac | ctcttc | | | | | 496 |

<210> 2313
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(454)
 <223> similar to gi3061320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2313 | | | | | | |
| attgctgccg | ctggatcgac | tgctttgcct | tgtacgacca | gcaggaggag | ctcgtgcggc | 60 |
| acatcgagaa | ggtccacatc | gaccagcgca | aaggggagga | cttcacttgc | ttctgggccc | 120 |
| gttgccctcg | aagatacaag | cccttcaacg | cccgtataaa | actgctgac | cacatgagag | 180 |
| tccactctgg | ggagaagccc | aacaagtgt | cgtttgaagg | ttgcgagaag | gccttttcaa | 240 |
| ggcttgaaaa | tctcaagatc | cacttgcgga | gccacacagg | cgagaagccg | tatttgtgcc | 300 |
| agcatccggg | ttgtcagaag | gccttcagta | actccagtga | ccgcgccaaa | caccagcgga | 360 |
| cgcatctgga | cactaaacct | tatgcttgtc | aaattccagg | atgtaccaaa | cgctacacag | 420 |
| acccaagttc | cctaagaaa | catgtgaagg | cacattcttc | caaaga | | 466 |

<210> 2314
 <211> 505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(505)
 <223> similar to gi2443214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2314 | | | | | | |
| gtattgttca | gcgggccatg | ctgatggcga | tggagccgat | atgggagagt | gattttcata | 60 |
| cgctctcata | tggcttccgg | cctgagcgca | gtgtccacca | cgcgatccgc | acggtgaaat | 120 |
| tacagctcac | agactgtggt | gaaacccggg | gacgctgggt | gattgaaggc | gacctgtcca | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gttacttcga | caccgtacat | catcgactgc | tgatgaaggc | tgtacgccgc | aggatcagtg | 240 |
| acgcacgttt | catgactctg | ctgtggaaaa | ccatcaaggc | gggacatata | gatgtcggtc | 300 |
| tctttcgggc | ggccagtga | ggtgtgccac | aggcggtgt | tatatgccg | ctattatcga | 360 |
| acatcatgct | gaatgagttc | gatcaatacc | tgcatgagcg | ctacctgagc | gggaaagcca | 420 |
| gaaaagatcg | gtggtactgg | aataacagta | tccaacgggg | ccgaagtacg | gcggtcagag | 480 |
| aaaactggca | gtggaaaccc | gggcg | | | | 505 |

<210> 2315
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(470)
 <223> similar to gi3522923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| <400> 2315 | | | | | | |
| gtgcctcatg | ccatggggcac | gcctaccgtc | tgcaaagcgc | catcaagcag | gagctgcaca | 60 |
| gccggggcctt | cctggccatc | acgcggtctg | aggagctctg | gccatggatg | gcccacgtgc | 120 |
| tgctgcccta | cgcccacggg | aaccagtcca | gcccagagct | ggggcccca | cggctgcggc | 180 |
| aggtgcggct | gcaggaagca | ctctaccag | accctcccgg | ccccagggtc | cacacgtgct | 240 |
| cggccgcagg | aggcttcagc | accagcgatt | acgacgttgg | ctgggagagt | cctcacaatg | 300 |
| gctcggggac | gtgggcctat | tcagcgccgg | atctgctggg | ggcatggtcc | tggggctcct | 360 |
| gtgccgtgta | tgacagcggg | ggctacgtgc | aggagctggg | cctgagcctg | gaggagagcc | 420 |
| gcgaccggct | gcgttctctg | cagctgcaca | actggctgga | caacaggtgg | gagctccctc | 480 |
| ccctgccctc | tcgggggtgg | ccgcagtcac | cagccaggag | cccaccctca | ctcctccggc | 540 |
| ccccgctggc | ctaggcggct | tccacagccc | ctcagccacg | cctgcactgc | gcggtccccg | 600 |
| cagctcccgc | cctgccaccc | gtcctactg | acccgcaccc | taagcgcacg | agccgcgctg | 660 |
| tgttcctgga | gctcacgcga | aacagcaaag | ccgtggggct | gcacgccgcc | gtcacgggtgc | 720 |
| gcctcggccc | gttaactcca | aaccggtacg | tgcat | | | 755 |

<210> 2316
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(721)
 <223> similar to gi1109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2316
ggtcgaccca cgcgtccggt cttatggagc atgggagggg aaggcagtct gatgaggaca      60
accaggaagt cccagagtca ccacagccca cagacaaagg ctttggggca gtgatacagc      120
tcctaggggt ggcagatgat cttggtgaga gccaaagccc tgtcggggct gaggtttggg      180
tgtgtgggtt gacaggcacc tgtgtcccca ggatgtggag ctggccgagc acctcaacgc      240
cagcctggct ttcttctca gagaccttct gtccctgggtg gaccggggct ttgtcttcag      300
cctggtccgg gccactaca agcagggtggc cacgcggctc cagtcgtccc ctaatccagc      360
agccctgctg accctgcgca tggaattcac ccgcatactg tgcagccacg agcactacgt      420
gaccctcaac ctccccctgt gccccctgtc acctccagcc tcgccctccc cctctgtgtc      480
ctccaccacc tcccagagct ccaccttctc cagccaagcc ccggacccca aggtgaccag      540
catgttcgaa ctgagtggac cattccggca gcagcacttc ctagtctggc tcctgctgac      600
ggagctggca ctggccctcg aacctgaggc tgaaggggca ttctgttgc acaagaaggc      660
catcagtgtg gtgcacagcc tgctatgtgg ccatgacact gacccccgct acgccgaggc      720
cactgtgaag gctcgtg                                     737

```

<210> 2317

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(326)

<223> similar to gi3522922 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2317
catgcccaaa gacactggag cggttttttag gctccccaga aggcttctcc aaaactgacg      60
ggcacctggc cgtggttcca gggctgacag cattaatctc ttaccataac tacctggaca      120
aaaccaaaca gcgcgagatg gtctactgcc tggagcaggg cctcatccac cgctgtgcca      180
gccagtgcgt cgtggccttg tccatctgca gcgtggagat gcctgacatc atcatcaagg      240
cgctgcctgt tctggtgggt aagctcacgc acatctcagc cacagccagc atggccgtcc      300
cactgctgga gttcctgtcc agtgagtccc cgccctgcct gcgcatgcac ccgagagggt      360
cgggctgtgt aacctgtgcg ggcttctctg gtgccctctc tcaggactcc ttggggaacc      420
tgggtgtctc gccttctgct gcctcagggc ctgggcgtct ctgcccggct gccatgagtg      480
ctctccttcc tggttttgag gggcggtccc tctcaccctc c                                     521

```

<210> 2318

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (768)...(927)

<223> similar to gi1871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2318
ggagcggctg ccacggaaaa cgcctggccg gacggtggct ggcgccctg cctgggcgcg      60
gagggcgggc gtggcgggcc ccgcgccctt ctctcagctt cctttctcct caccgagggc      120
tccacagtcc ggagcccggc ggagcccga cctggcgggg agagctgcct ccacggccgg      180
gcacccagac cccaccgtcg cagtcgccac caccctcagtc catccttggt accggcaatg      240
ggcttcgtat cctccagtgc acttgtaact gacttggaac cggataacta agaactcact      300
tctgtcctca tcccagtcgc gccggcggtg accatctcgg ctcttttggg cttactgcc      360
gctcctctgg actctgtctg actttggggg caccatggac caaagtggga tggagattcc      420
tgtgaccctc atcattaaag caccgaatca gaaatacagt gaccagacta ttagctgctt      480
cttgaactgg accgtgggga aactaaaaac gcatctatct aacgtttacc ctacgaaacc      540
agtaagtgtg taaaagctgg gggcagctgc tctgaccagc agcttttctg gccgtgtacc      600
ctcctttttc ctgcttctcc cctccagtct tgaatcaaat aggtctcttt tggtagaccg      660
cgaggtatct tgagttctga ggttggtgct cctgagtggt cgaaccatca ttaatatctt      720
cctgatgagg ttcatgtaat tagtaagagg aagcagaaat atcaagggac ttaagaattg      780
gcaggcaaaag accgggcgcg gtggctcacg cctgtaatcc cagcactttg ggaggccaag      840
gcgggcggat cagcaggtca ggagttcgag accagcctta ccggcatggt gaaaccctgt      900
gtctactgaa aatacaaaaa ttaactgggc gtggtggcgc atgcttgtaa tcccagctac      960
tcg

```

<210> 2319

<211> 1499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(752)

<223> similar to gi2246532 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2319
cgaccaaact aaagaaggag caggagaatc tgttgaagca gcggtgggag ctagagaggc      60
tggaggaaga gcgaaagcag atggaagcct tccggcagaa ggcagagctg gggcgcttct      120
tgagacatca gtataacgct caactcagca gacgcacaca gcagatccaa gaggagctgg      180
aggcagacag gcggtcctcg caggccctcc tcgagaagga ggacgagagc cagcgccctc      240
acctggccag gcgggagcag gtcattggcc atgtggcctg gatgaagcag gccattgagg      300
agcagctgca gctggagcgg gcgcgggagg cagagctgca gatgctgctg agggaggagg      360
ccaaggagat gtgggaaaag agagaggcag agtgggcccg agagcgcagc gcacgggaca      420
gactgatgag cgaggttctg acaggggagc aacagcaaat acaagagaag attgagcaga      480
accgacgggc acaagaggaa tcctgaaac acaggggagc acttattcga aatcttgagg      540
aggtgagaga gttggctcgt cgcgagaaag aggagagtga aaagctgaaa tcggccagga      600
agcaggagct ggaagcccag gttgcagagc gccggctgca ggcattggga gcagaccagc      660
aggaggagga ggaagaggag gaggcccgcc gggctcagca gctctcagat gccctgctgc      720
agcaggaggc ggagactatg gctgagcagg gctaccggcc taagccttac ggacatccaa      780

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| aaattgcttg | gaactgactt | catgggtacc | ataagtacag | agaacaaggg | atgctgaggg | 840 |
| ttctgatccc | agccgccagg | cagttttaca | gggctctgtt | aacagtaagt | gcccggggca | 900 |
| ctgtcagatg | gctcagcagt | gcctgctcag | gttcatcatt | gaaacatccc | agtgtttggc | 960 |
| cagacattaa | ggtgtcgtga | gagtcctttt | catgcctttc | ttaccaagc | aagggctctt | 1020 |
| gatgggcacg | tgtttacagc | gctgctgcat | tagtcttgta | atatattaac | agtcacatca | 1080 |
| actgaaggtc | aatactaaga | gccacagggt | gtacctgtga | tggggcggtg | ggtttcctgt | 1140 |
| tgtctcacct | ttaattgtca | acctccagtg | ttgactctag | aaatatgagg | aaagcttttc | 1200 |
| agtttttaaa | attgccattt | aaatttagtc | tattaaaaac | aaacctagag | gtcttggtgc | 1260 |
| agttgatttc | agagtttatt | aatttagtgg | tcccaaaagt | attacatctt | ttatattctg | 1320 |
| gaagaaaaga | actgtgaaca | aattagaacc | ccggaacact | ctgacgtcca | tggacgcatt | 1380 |
| ccagaaaagt | ggcaagagat | gagtctttcc | tcctccagga | agcattttgg | tagaatttcc | 1440 |
| atagagcatt | gtctgtgagt | gactgatccc | aacatgtatg | ttactaagcc | ccaaaacga | 1499 |

<210> 2320

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(443)

<223> similar to gil762 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2320

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gatacgctact | gcaggggaga | ccagctgcac | atcctgctgg | agggtgagga | ccacttgagg | 60 |
| cgcaggaagc | aatatggcgg | ggatttcctg | agggccagga | tgtcttcccc | agcgctgatg | 120 |
| gcaggtgctt | caggaaaggt | gactgacttc | aacaacggca | cctacctggt | cagcttcact | 180 |
| ctgttctggg | agggccaggt | ctctctgtct | ctgctgtctc | tccaccccag | tgaaggggtg | 240 |
| tcagctctct | ggagtgaag | gaaccaaggc | tatgacaggg | tgatcttcac | tggccagttt | 300 |
| gtcaatggca | cttcccaagt | ccactctgaa | tgtggcctga | tcctaaacac | aaatgctgaa | 360 |
| ttgtgccagt | acctggacaa | cagagaccaa | gaaagcttct | actgggtgag | gcctcaacac | 420 |
| atgcgctgtg | ctgcactcac | tc | | | | 442 |

<210> 2321

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (408)...(489)

<223> similar to gil871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2321
catctgggag gggacgccgt caccgtcccc tccacatctg tctcgtcctc ggcgtagctc 60
aggatcaggc tctgctgccg gctcgttagc ctctgttgga ccgagcagag tcagcagcca 120
aggcttccgc cgggaagctt tggaaagaac tcacaggcag ccagcaccct cgcagcacat 180
gggaagagag ggacccaacc ttggcagggg cggacaccct gagccagtgc agcggtgaga 240
acctaaggac catgccctca aagcttctgt acagaaaagc tcctaaaaca ccctacacta 300
agtcatttaa acaagtgtca ctgtggctat gctaaataca gtttacagga ggggaaacag 360
attttaccag tatgtatgtg aagcaagtaa gaaattatct aattaggcca ggcgcagtgg 420
ctcatgcctg taatcccagc attttgggag gccaaagggtg gcggatcaca aggtcaggag 480
atagag 486

```

```

<210> 2322
<211> 543
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (18)...(435)
<223> similar to gi1001603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2322
aactgtcaaa tctgaccaga gacgtcecca tctttgtgtg tgccatggcc ttccccacgg 60
tcccatgccc actccacgtt tttgagcccc gctatcggct tatgataaga agatgcatgg 120
aaactggcac caagcggttt ggcatgtgtt tatctgctga gcacgcgggg ctttcagagt 180
atggatgcat gctggagatt aaggacgtga gaacgtttcc tgatggaagt tctgtttag 240
acgcgattgg catcagtcgg ttccgagtgc taagccaccg ccacagagat ggctataaca 300
cagcggacat tgaatatctt gaagatgaaa aggtggaggg tccagagtat gaagaacttg 360
ccgctctcca cgattctgtg catcaacagt ctgtttcctg gttcgcgtct ctccaggatc 420
gcatgaaaga acaaatttta agtcattttg gggtaatgcc agacagagaa cctgagcctc 480
agagtaatcc cagcggccct gcctggctct ggtggatcct ggccgtgctg cccctggagc 540
gca 543

```

```

<210> 2323
<211> 823
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (42)...(700)
<223> similar to gi2723362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2323
gacagaaaat tttgagattg aataattccc .accaaccacc cactagtagc agcaactcca      60
aggattgtgg aggtccggcc tccagtgggg ctggtgctac cgcagcctta gctgatggcc      120
taaaatttgc ttctgttcag gcctctgctc cccaggggaa ttcacacaaa gagaccagca      180
aatcaaaaagt gaaaaggagt aaaacttcta aggatgctaa taaatctctg ccttctgctg      240
ccttgtatgg gattcccag atcagcagca ctggcaagag gcaggaagtc caagggcgcc      300
ctggagaggc aactggcatg aattcagcgc tgggtcaaag tgtgagcagc ggcggcagcg      360
gcaacccaaa cagcaatagt accagcacca gcacctctgc cgccaccgcg ggggcaggct      420
cctgtgggaa aagcaaagag gagaagccag gtaaaagcca gagcagccga ggcgccaagc      480
gggataagga tgcggggaaa tccaggaagg acaagcacga cctgcttcag ggccaccaga      540
atggcagtgg cagccaggcc ccttccgggg ggcacctcta tggctttggg gccaaagagca      600
atggaggtgg cgcgagcccc ttccactgcg ggggactctg gagtggcagc gtcgcccgtg      660
caggggaagt tagcaaaagt gccccgatt cagggctcat gggaaactct atgttggtaa      720
agaaggaaga ggaggaggag gagagccaca ggcgaaatcaa gaaactgaaa actgagaagg      780
ttgaccctct gtttacagtg ccagcgccac caccgcatgt att                        823

```

<210> 2324

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(435)

<223> similar to gi5103547 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2324
tttcgttcca aacaggacat acgtgaacaa atttggggct acatggaatc acaaaattta      60
gctgactttc cccgacctgt tcatcacagg ataccctaact ttaaggggtc ttatctggct      120
tgccaaaaca tcaaagacct agacgttttt gccagaacac aggaagttaa agtggaccct      180
gataaaccac tggaaggcgt tcggctgctg gtgctgcaga gcaaaaaaac attgttggtt      240
ccaacaccac gactgagaac gggattgttt aataagatca caccaccccc tggggcaact      300
aaagacatct tgagaaaatg tgccacctct caggggtgtg ggaactacag tgtccccata      360
ggcttggact ccagagtcct cgtggattta gttgtgggtg gatccgtcgc cgtttctgaa      420
aaaggctgga gaat                                           434

```

<210> 2325

<211> 639

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(630)
 <223> similar to gi5052558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2325
 ttctgtggca gtacgacacc aggaacagca ggatcgttct catctgtgcc aagcgggtccc 60
 tgtgcgcggc cttctcggtc ctgccctatg gggaaggcct gcggatcagt gacctgaggg 120
 tggacagcca gaagcagagg caccgcgtccg gcggcgtctc tgtgtcttcc gagatggtct 180
 ttgagctaga aggtgtggag ctaggagcag acgggaaggt cgtgtcttat gcgaagttcc 240
 tgtatcccac caacgccctg gtcacacaca agagtgcag ccatggcctg ctgcccacac 300
 ctcggtccag tgtcccccg actctgccag ggtcaagaça taaacctgcc cccaccaagt 360
 cggcaccagc cagcacagaa ctaggagtg acgtggggga caccctggag tacaacccca 420
 acctcctgga tgaccgcag tggccctgcg gcaagcaca acgtgtcctc atctttgcgt 480
 cgtacatgac cacagtgata gaatacgtga agcctcaga cctcaaaaag gacatgaacg 540
 agaccttcag ggagaagttc ccccatgtca aactgacgct gagcaaaatc aggagcttaa 600
 agcgggagat gcggagcctg tcggaggagt gcagcctgg 639

<210> 2326
 <211> 1202
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (149)...(1186)
 <223> similar to gi915208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2326
 taaggccagc cagaacaagc ggatagatat catacataat ctgaagctgg atagaactta 60
 tactggcttg cagactcttg gagcagagac ggtagtggat gttgaactcc atcgccattc 120
 tctcggagaa gactgtatct atcctcagtc ctccggagtct gacatctctg atgccccctc 180
 atctttgcct ttgaccattc cagccccagt gaaagcttct tcaccaataa agcagtcaca 240
 tgagccagta cccgatacct ctgtggagaa aggattccca gctagcactg aagctgaacg 300
 acacactccg ttttatgctt tgccatcttc attggaaaga acaccacca aaatgactac 360
 atcccagaaa gttacctttt gttcccatgg caattcagct ttccagccaa tagcatcaag 420
 ctgcaaaatt gttccacaaa gtcaggttcc taatcctgag tcacctggaa aatccttcca 480
 gcccatcacc atgagctgca agattgtgtc aggttcccca atatcaactc caagcccatc 540
 accattgcct cgaaccccgga cttccactcc agtccacgtg aagcaaggca ctgcccgtc 600
 tgttattaat aatccttatg ttatcatgga caagcagccg gggcaggtga ttggagccac 660
 cactcccagt acaggaagtc ctacaaacaa gatctccacg gcttctcaga tctcccaagg 720
 aacaggttcc cctgttcta aaattcatgg aagtagtttt gtaacatcta ctgtcaagca 780
 ggaggattct ttgtttgcat ctatgccacc tctttgccc attgggagtc accctaaggt 840
 tcaaagcccc aaacctataa caggaggact tggagctttc acaaaagtga tcatcaaaaa 900
 ggaacctggt gaagcccctc acgtgcccgc aacaggagct gccagccagt caccactccc 960


```
gcagtatgtg actgtgaaag ggggtcacat gatagctgtg tcccccaaa aacagggtcat 1020
aactcctgga gaagggattg cccagtcagc aaagggttcag ccctccaagg ttgtcggggg 1080
accagttggg tctgctttac cttcaacagt gaagcaggct gtggcgatca gtggtggcca 1140
gatcctggta gccaaaggcca gctcttctgt ctccaaagca gttggggcaa agcaagttgt 1200
at 1202
```

```
<210> 2327
<211> 408
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (7)...(409)
<223> similar to gi5733824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2327
tttcgtggcg gcggcgcat ggcggagccg agcggggccg agacgaggcc cccattcgg 60
gtcacctgca agaccccaaa ggacaaggag gaaattgtga tctgcgatcg agcctcggtc 120
aaggagttca aagaggaaat ctcccgagg tttaaggctc agcaggatca gctggtcctg 180
atcttcgcag gcaagatcct caaggatggg gacacactga accagcacgg aatcaaggac 240
gggtcactg tccatctggg catcaagacc cctcagaagg ctcaagatcc agctgctgcc 300
actgcttctt cccctccac acctgacctt gcctcagcac cctccaccac gcctgcttca 360
cccgccacc ctgccagcc ctccacctct ggcagtgcct cttcagat 408
```

```
<210> 2328
<211> 830
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(828)
<223> similar to gi487785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2328
gttggcatgg gtccttcac acttaatagg cacatcagag atcacactgg acgtgaacca 60
aatgaatata aggaatatgg aaagaagtca tatacacgta accagtgtgg acgagccttg 120
agttatcatc gctcttttcc agtacgtgaa aggactcatc ctggaggaaa gccctatgat 180
tgtaaggaag tgggagaaac ctttatttct cttgtaagca ttcgaagaca catgttaacg 240
cataggggag gtgtcactta caaatgtaag gtgtgtggga aagcctttga ttatcccagt 300
```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttatttcgta | tacatgaaag | aagtcacact | ggagagaaac | cttatgaatg | caagcaatgt | 360 |
| gggaaagcct | tcagttgttc | cagttacatt | agaatacatg | aaaggactca | cactggagat | 420 |
| aaacctatg | aatgcaagca | gtgtgggaaa | gctttcagtt | gttccaagta | cattcgaatc | 480 |
| catgaacgaa | ctcacacagg | agagaaaccc | tacgaatgta | aacagtgcgg | taaagccttt | 540 |
| aggtgcgcca | gttctgttcg | aagtcacgag | aggactcaca | ccggagagaa | actttttgaa | 600 |
| tgtaaggaat | gcgggaaggc | tttgacttgt | cttgcaagtg | ttagaagaca | catgataaag | 660 |
| cacactggca | atggacctta | taaatgtaag | gtgtgtggga | aagcctttga | tttccccagt | 720 |
| tcatttcgaa | tccatgaaag | gacccacact | ggagagaaac | cctatgattg | taagcaatgt | 780 |
| gggaaagcct | tcagttgttc | cagttcgttt | cgaaaacatg | aaagaattca | | 830 |

<210> 2329

<211> 894

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (179)...(731)

<223> similar to gi4101718 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2329

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcggggaccc | ggatgtgtgt | ggtggcggcg | gccgaagagc | ttgtgtgcgg | agctgagagg | 60 |
| cctatggatg | aggaggacgc | ggcggccccg | gtttgttctc | atgaacaaga | tggatgacct | 120 |
| caacctgcac | taccggtttc | tgaattggcg | ccggcggatc | cgggagattc | gagaggtccg | 180 |
| agctttccga | tatcaggaga | ggttcaaaca | tatccttgta | gatggagata | ctttaagtta | 240 |
| tcatggaaac | tctggtgaag | ttggctgcta | cgtggcttct | cgaccctga | ccaaggacag | 300 |
| caattatttt | gaggtgtcta | ttgtggacag | tggagtccgg | ggcaccattg | ctgtggggct | 360 |
| ggtccctcag | tactacagct | tggatcacca | gcctggctgg | ttgcctgact | ctgtagccta | 420 |
| ccatgctgat | gatggcaagc | tgtacaatgg | ccgagccaag | ggccgccagt | ttgggtcaaa | 480 |
| gtgcaactcc | ggggaccgga | ttggctgtgg | cattgagcct | gtgtcctttg | atgtgcagac | 540 |
| cgcccagatc | ttcttcacca | aaaatgggaa | gcgggtgggc | tctaccatca | tgcccatgtc | 600 |
| cccagatgga | ctgttcccag | cagtgggcat | gcactccctg | ggtgaggagg | tgcggtgca | 660 |
| cctcaacgct | gagctgggcc | gtgaggacga | cagcgtcatg | atggtggaca | gttacgagga | 720 |
| tgaatggggc | cggctacatg | atgtcagagt | ctgtgggact | ctgctggagt | acttagggaa | 780 |
| gggcaaaagc | atcgtggatg | tggggctggc | ccaggccccg | cacccactca | gcacccgcag | 840 |
| ccactacttc | gaggtggaga | tcgtggaccc | tggagagaaa | tgctacatcg | ccct | 894 |

<210> 2330

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (216)...(591)

<223> similar to gi5725506 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2330
tcccgggtcg acgatttcgt ctggagtgtt agcaccagta ctggatgtga cagcaggcag      60
aggagcactt agcagcttat tcagtgtccg attctgattc cggcaaggat ccaagcatgg      120
aatgctgccg tcgggcaact cctggcacac tgctcctctt tctggctttc ctgctcctga      180
gttccaggac cgcacgctcc gaggaggacc gggacggcct atgggatgcc tggggcccat      240
ggagtgaatg ctcacgcacc tgcgggggag gggcctccta ctctctgagg cgctgcctga      300
gcagcaagag ctgtgaagga agaaatatcc gatacagaac atgcagtaat gtggactgcc      360
caccagaagc aggtgatttc cgagctcagc aatgctcagc tcataatgat gtcaagcacc      420
atggccagtt ttatgaatgg cttcctgtgt ctaatgacct tgacaacca tgttcactca      480
agtgccaaagc caaaggaaca accctggttg ttgaactagc acctaaggtc ttagatggta      540
cgcgttgcta tacagaatct ttggatatgt gcatcagtgg tttatgcaa gtaagtgtg      600
atttgttctc attcaacttg tccagagggt ttcaatgtct ttgtgtaa ggtttacata      660
gtctcactct ctgaatcact catctttaca ctttttagag tttgtaaa gtgaaagatt      720
tgaaaattaa ggtatgattt cagtgaaaag taccaagtgt tgtattgtgc gaaggaaaag      780
tagactagag ttatttttct ttccttgagt gtcacttgaa tataaaaagaa taaaaatttt      840
tgaatagtgt taaaaaaaaa a                                         861

```

<210> 2331
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(420)
<223> similar to gil92459 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2331
tttcgtagag gcccaagagg tgagcgaggt ctgcaccacc cctggctgctg tgatagcagc      60
tgccaggatc ctccagaaca tggacccgac cacggaaccg tgtgacgact tctaccagtt      120
tgcatgcgga ggctggctgc ggcgccacgt gatccctgag accaactcaa gatacagcat      180
ctttgacgtc ctccgcgacg agctggaggt catcctcaaa gcggtgctgg agaattcgac      240
tgccaaggac cggccggctg tggagaaggc caggacgctg taccgctcct gcatgaacca      300
gagtgtgata gagaagcgag gctctcagcc cctgctggac atcttgagg cggtgggagg      360
ctggccggtg gcgatggaca ggtggaacga gaccgtagga ctcgagtggg agctggag      418

```

<210> 2332
<211> 737
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(738)

<223> similar to gi294543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2332

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tttcgtggag | aaattgctga | aaatctccct | gaacaagata | ttctgataca | gagcgtctgt | 60 |
| gagacgatgg | tgccaaagct | ggtggcagag | gacatcccgc | tgctcttcag | cctcctgtcg | 120 |
| gacgtgttcc | ctggagtcca | gtatcacagg | ggtgagatga | ctgcccttcg | agaggagctg | 180 |
| aagaaagtgt | gtcaggagat | gtatttgaca | tatggagatg | gagaagaagt | tgggtggaatg | 240 |
| tgggttgaaa | aggttctcca | gctctatcag | atcacccaga | tcaatcatgg | cctgatgatg | 300 |
| gtggggccct | cggaagtgg | gaagagcatg | gcctggcgtg | tcctgctgaa | ggcattggag | 360 |
| agactcgagg | gtgtggaagg | tgtggcccat | atcatcgacc | ccaaggccat | cagcaaagac | 420 |
| cacctctacg | gaaccctgga | ccccaacacc | aggaatgga | cagatgggct | cttcacacac | 480 |
| gtgctgagaa | agatcatcga | cagcgtgaga | ggcgagctgc | agaagcgcca | gtggatcgtc | 540 |
| ttcgatggcg | atgtggatcc | agagtgggtt | gagaacttga | actcagtgtc | ggatgacaat | 600 |
| aagctcctaa | ctttgcccaa | tggagagcgc | ctcagtcctc | cacccaatgt | gagaataatg | 660 |
| tttgaggtac | aggacttgaa | atacgcgacc | ttggccacag | tgctcgcgctg | cggcatggtc | 720 |
| tggttcagtg | aggatgt | | | | | 737 |

<210> 2333

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(425)

<223> similar to gi3687231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2333

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| gcgggtggtc | gtagctcggt | agtcagttg | tgggtaatcg | gggctgtttg | ttcctgtccg | 60 |
| agagagctcg | gcggagacgg | ctgtcgagta | cccttcacct | cggtgttggg | agcctgggag | 120 |
| cgaactgcgg | cgcggtttac | cgctcccggg | gacgcagcaa | ggggcatcga | gtccctggcg | 180 |
| ggagctgcgc | catggcattg | ctctcgaccg | tccggggcgc | gacctggggg | cgcctcggtca | 240 |
| cccgtcattt | ctcccatgca | gcgcggcatg | gggagcggcc | tgggtggggag | gagctaagcc | 300 |
| gcttgctgct | ggatgacctg | gtgccgacct | ctcggctgga | gcttctgttt | ggcatgacct | 360 |
| cgtgtctcct | ggctctgcag | gccgcccgcc | gctctgtggc | ccggctcctg | ctccaggcgg | 420 |
| gtaaagctgg | gctgcagggg | aagcggggcg | agctgctccg | gatggccgag | gcgcggggaca | 480 |
| ttccagttct | g | | | | | 491 |

<210> 2334
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(414)
 <223> similar to gi2370155 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2334
 tttcgtgccg ctctggagcg gcgggtgccg agtctcgatg acttcgcggg acagagctgg 60
 agctcgtggg tggagcgggc cgacctgccc gcggctgacg gggctgagct ggaggagagt 120
 agcaaaaaca cgaagaagtt ggatgccatg accctcatta aagaagacat gtccatcttc 180
 gggcactgcc ctgcccataa tgactttctac ttggttgtgt gtaaccactg cagccaagtg 240
 gtgaagcctc aagctttcca gaagcactgc gaaagaagac atggggcccct cagcaagctt 300
 tatggccggg cccccacccc acctccagcc cctgccagct ctgagaaatg ccatgtagtg 360
 aatgggcagg gccagcttg tagggcccca gggtccacga aaacctctc cagggagaag 420
 ggccaggg 428

<210> 2335
 <211> 433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (139)...(434)
 <223> similar to gi2407245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2335
 tttcgtgtgg gtgtctcggg ggagccttgg ttagcagttt cttttctagg agcctcttga 60
 aggactcacc gtagatgcag gaagacattg gatgaggtca gcatagctga agtgaggtgt 120
 ctgggttaga caatggctat ggccctggaa ttgcaagccc aggcattctc gcagccagag 180
 cctgaagaac tcctgattgt gaaactggaa gaggactctt ggggatcaaa atccaaactc 240
 tgggagaagg accgtggctc tgtctctggc ccagaggcct cccgccagcg cttcaggcaa 300
 ttccaataca gggatgcagc tggacccac gaggccttca gccagctctg ggctctctgc 360
 tgtcgttggc tgaggccgga gatccgtctc aaagagcaga tcctggagct gctcgtgctg 420
 gagcagttcc tgg 433

<210> 2336
 <211> 517
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (8)...(486)
 <223> similar to gill145791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2336

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tttcgtcggg | gatgaagatg | aagacatccg | ggacaggggt | gctaaaccgg | tcatgggtcta | 60 |
| catccacgga | ggctcttaca | tggaagggac | aggcaacatg | attgatggca | gcatectcgc | 120 |
| cagttatggc | aatgtcatcg | tcatcaccct | caactatcgg | gttggagtgc | taggtttcct | 180 |
| gagtactgga | gatcaggctg | ccaagggcaa | ctatgggctc | cttgaccaga | tccaggccct | 240 |
| ccgctgggtg | agcgagaata | ttgccttctt | cgggggagac | ccccgccgga | tcaactgtctt | 300 |
| tggtctgggc | attggtgcat | cctgcgtcag | cctcctcacg | ttgtcacatc | actcagaggg | 360 |
| acttttcag | agagccatca | tccaaagtgg | ctctgctctg | tccagctggg | ctgtgacctt | 420 |
| ccaaccagtg | aagtacaaca | gcctgctgac | agacaaagtg | ggctgtaatg | tgctggcccc | 480 |
| cgtacgaaat | cgtagncccc | ggggttcatc | gaccata | | | 517 |

<210> 2337
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (68)...(998)
 <223> similar to gi4240231 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2337

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ggaaggagct | gctggacagg | ccgagggagc | ctacgtccga | gaccgcgcag | acgccgccgc | 60 |
| catggtaaga | aaatcatttt | tgagttacaa | cacaaccatc | tggggccctt | tggaactggg | 120 |
| ggagaagctg | taccccgagg | cagaggaaat | aggagctaga | gtccgggatc | tacctggtct | 180 |
| gaagaccctt | ctgggtcgag | caagagcgtg | gcttcgatta | gccctcatgc | aaaaaaaaat | 240 |
| ggccgattac | ttacgttgct | caattattcg | gagggatctc | ttgagtgagt | tttatgagta | 300 |
| tcacgcacta | atgatggaag | aagaaggagc | agtaattgtt | gggctgctgg | ttggcctgaa | 360 |
| tgtgatcgat | gctaattctgt | gtgtgaaggg | agaggattta | gactcacaag | ttggagtgat | 420 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tgatttttct | atgtatttaa | agaatgaaga | agatattgga | aataaagaaa | ggaatgttca | 480 |
| aattgctgcc | atattagacc | aaaagaatta | tggtgaagaa | ttaaataagac | aactgaacag | 540 |
| cacagtcagc | agcctccatt | caagagttga | ttcattagaa | aagtcaaata | ctaagctgat | 600 |
| tgaagagtta | gcaatagcaa | agaataacat | cattaaactc | caggaagaaa | atcatcaatt | 660 |
| acgaagtgaa | aataaattga | ttttaatgaa | aacacagcag | cacctagagg | ttaccaaaagt | 720 |
| agatgtggaa | actgagcttc | aaacatataa | gcattctcgt | caggggctag | atgaaatgta | 780 |
| caatgaagcc | agaaggcagc | ttcgagatga | atctcagtta | cgacaggatg | tagagaatga | 840 |
| gctagcagta | caagttagta | tgaagcatga | gattgaactt | gccatgaagt | tgctggagaa | 900 |
| agatatccat | gagaaacaag | atactctgat | aggccttcga | caacaactag | aggaaggtaa | 960 |
| agcaattaac | atagagatgt | atcaaaagtt | gcaggg | | | 996 |

<210> 2338

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(598)

<223> similar to gi296605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2338

| | | | | | | |
|-------------|-------------|-------------|------------|------------|-------------|-----|
| aaaatctttac | caactcatag | agttgggggtg | agaattcgaa | ggtaattcta | tataaggtaa | 60 |
| ggcctccagc | aagagctatg | gtggttgatga | cactgactga | ggctggggga | ggccctcact | 120 |
| caccctcctt | ccttcttggt | tttctcttac | ccagatgtgg | cagtggatgg | gcagaactgg | 180 |
| acgtttgctt | ttgactttctc | cttctctgagc | caacaagagg | atctggcatg | ggctgagctc | 240 |
| cggctgcagc | tgtccagccc | tgtggacctc | cccactgagg | gctcacttgc | cattgagatt | 300 |
| ttccaccagc | caaagcccga | cacagagcag | gcttcagaca | gctgcttaga | gcgggtttcag | 360 |
| atggacctat | tcactgtcac | tttgtcccag | gtcacctttt | ccttgggcag | catggttttg | 420 |
| gaggtgacca | ggcctctctc | caagtggatg | aagcgccctg | gggccctgga | gaagcagatg | 480 |
| tccagggtag | ctggagagtg | ctggccgcgg | ccccccacac | cgctgcccac | caatgtgctc | 540 |
| cttatgctct | actccaacct | ctcgcaggag | cagaggcaga | tgggtgggtc | caccttg | 597 |

<210> 2339

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (163)...(425)

<223> similar to gi3953475 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2339
tttctgtccca tgactgagcc ccgcgcgcgc cggccgttga atgggctccg ggctctggta      60
ggaagcgctg ggagcggggg gcgcttttaa aacaccgatc tgggtttttt aaaaacctcc      120
tttgaaaaaa taatggcaaa ctcgacgggg aaggcgccctc cggacgagcg gagaaaggga      180
ctcgctttcc tggacgagct gcggcagttc caccacagca gagggctcgcc ttttaaaaaa      240
atccctgcgg tgggtgggaa ggagctggat cttcacggtc tctacaccag agtcactact      300
ttaggcggat tcgcgaaggt ttctgagaag aatcagtggg gagaaattgt tgaagagttc      360
aactttccca gaagttgttc taacgctgcc tttgctttaa aacagtatta cttgcgttac      420
ctagaaaagg                                     430

```

```

<210> 2340
<211> 1696
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1312)...(852)
<223> similar to gil56195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2340
tttttttttt ttgcaggacc acaaaatgga actttattca gtcacagaca ctgacctccc      60
aatagcccca gaagcaagag cctagggccc agcaatccat acccagtcct tggagttggg      120
cagggtagga cgctggccaa gggccagtgc tgtctcttgc ttacagcctg aggactacgg      180
gagcagcagc tgtggcctgg ccgctcccaa tgctgggggc ttggcttggg gccccatccc      240
cttctgact gagctctatg aaggactctt aaaaaaataa aataaaatgc aagcaaagtg      300
ctttgaaaga agggaggaca ccctattcct gctaaggggt agaggaagaa ggtgaaggcg      360
gctaggtgcc cataagagaa ggctggcaca atcttcattc ccgccagtgt gatttcagtc      420
tcaaaagatg agtatttggc tgagaaatgg aaggatactc caggctccct acggagttgt      480
gctggggcca tgctgagctg cccttgccagg cagccctggg tgctgggggc agacatgcag      540
gacactggga agagtcagaa ccacaggtgg gagggaatct cagagcccg gctccccact      600
gagcttggcc agcagctttg aactccttca gaggaccctt tcattttctt cctatgtcct      660
tatcgtccat acatcccaaa tactaggaag ctgaagaaga cggtgactcc caccaggag      720
acagtggcag gtgctgtgaa gaattggcgg taattgattc ggaagtacca gaccacaccc      780
aacagcacca caaagacagg caccatgagg ctgcccacat tgacaccaag gctgggtggc      840
tcagtggccg agggggccaa ggaggctgag gggcctggaa cagctgacct tgggggtgag      900
cgggtggcag gaatcacaca gttgtcggta atgttcagag aacgcagtgt gcgggctggg      960
tcttgtagca ggcggccctg gtagatcagt ttcattctggc tttcttgtcc agggaagtat      1020
ttgctcttca gggcacccac ggtatcctct ggcctagcca cagccagctc ctcggtatca      1080
ttgaggaatt tgagccgcac agtgatgagg ccagggtctg gagggaggca ggtgctatcc      1140
tcagatctca ggggggcctc tggactgctg ctgcctgcac ctgcttgtct tttgggcagg      1200
ccttgatgt caaggagatg ctcaaggctg ggctcaacac cacccccagc tccagcctcc      1260
ccagtggagt ctccccgacc ttcaccgcgc tcttcagcct tctcatcatt accctctgat      1320
ggatggggga gttcagttgg ctcggggttg ccttggcctg ccaccagggtg gtccacatgc      1380
cccagggtga ggacggatgt gtcgctgct gacacaatag cgcccaggag ctggttgcta      1440
ccgctgtctg ctacgtaggt agagagccaa gctaggacca aggctagaat cagcaccacc      1500
acacctgcca ccaccatcac ctcatatccc acaccctcaa tgagggtgac atcagagagc      1560

```


| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| tccatggcct | ggctgctggc | aggggtccacg | ctgaaaagac | cagactaaat | gttttgacct | 1620 |
| cgccaggacg | gccccctggac | tcgtctttcc | gtaggggtcg | ggaaaagggc | tggcaatctg | 1680 |
| cgattctgtt | cagggt | | | | | 1696 |

<210> 2341
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n.= a,t,c or g

<220>
 <221> misc_feature
 <222> (349)...(720)
 <223> similar to gi5106572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 2341 | | | | | | |
| aaaaaacaag | tgtgcttttt | ctaaaaacta | aaatgggtgc | ccattactga | taaaaggtgt | 60 |
| aaaatatttt | agtttttaga | aaaaacaagt | gtgcttttag | acaatataat | ctttttccaa | 120 |
| ggagtgatct | aaagctggaa | aaaggaatac | atgtgagagg | gagccccttg | cccttcttac | 180 |
| cgtggttctc | ctggctgctg | ctccttccca | atttaaatta | cagttgttgt | tataaaagtaa | 240 |
| cagcccttct | gcccgcaccc | ctctgcagct | gagctgcccc | tcctggacct | gatgaagctg | 300 |
| tacgaaggcg | ccttcctgcc | gagttctcag | tggccccggc | cgaagcctga | tggggaggac | 360 |
| acaagcggag | aggaagatgc | agatgactgt | ccaggcgaca | gggagagtcg | caaggacttg | 420 |
| gttctcatcg | actcgctttt | catcatggat | cagttcaaag | ctgccgagag | gatgaatatc | 480 |
| gggaagccaa | acgccaagga | cattgcggac | gtcactgcgg | tggctgaagc | catcctgccg | 540 |
| aagggcagtg | ctcgggtcac | aacctcggtc | aagttaaatg | ctccatcttt | gttgatgagg | 600 |
| gctctcagag | attatcagaa | gattggcctg | gactggctgg | ccaaacttta | caggaagaat | 660 |
| ctcaatggca | tattggcaga | tgaagctggg | ctgngtaaaa | cagtcagat | cattgctttt | 720 |

<210> 2342
 <211> 556
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(516)
 <223> similar to gi3786430 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2342
caggctgtta agacaagagc ttgtggtgct ttgccacctt caccacccca gtttgatata 60
tttgctggca gctgggattc gtccccggat gttggtgatg gagttagcct ccaaggggtc 120
cttggatcgc ctgcttcagc aggacaaagc cagcctcact agaaccctac agcacaggat 180
tgcactccac gtagctgatg gtttgagata cctccactca gccatgatta tataccgaga 240
cctgaaaccc cacaatgtgc tgcttttcac actgtatccc aatgctgcca tcattgcaaa 300
gattgctgac tacggcattg ctcagtactg ctgtagaatg gggataaaaa catcagaggg 360
cacaccaggg tttcgtgcac ctgaagttgc cagaggaaat gtcatttata accaacaggg 420
tgatgtttat tcatttggtt tactactcta tgacattttg acaactggag gtagaatagt 480
agaggggttg aagtttccaa atgagtttga tgaattagaa atacaaggaa aattacctga 540
tccagttaaa gaatag 556

```

```

<210> 2343
<211> 816
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (89)...(722)
<223> similar to gil825699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2343
atgatctcac cgatgggtca ctgtgacctc cgccctctcg gttcaagtga ctcttctgcc 60
tcagcctcct gagtggctgg gactataggt tgctgaccag caatcatcca tgtttgagaga 120
gtgctgcttc cagacaggtg atgtgaaatt aaccatggga actgggacat ttttgatat 180
taacactgga tatagccttc aacagactac tggaggcttt tatccattaa ttgggtggaa 240
gattgggcaa gaagtcgat gcttagctga aagcaatgca ggagacactg gtactgccat 300
aaaatgggct cactatttag accttttcac agatgctgct gagactgaaa aaatggccaa 360
aagtttgagg gattctgaag gagtttggtt tgttccatct tttagtggat tacaggctcc 420
attaaatgac ccctgggcat gtgcctcttt tatgggtttg aagccttcta ccagtaaata 480
ccatcttgta cgagcaatat tggagtcaat agctttcaga aacaaacagt tatatgagat 540
gatgaagaaa gagattcata ttctgtaag aaaaatccgg gcagatggag gagtttgtaa 600
gaatggtttt gtcatgcaga tgacttcaga cctgattaat gagaatatag acagacctgc 660
cgacattgac atgtcatgcc tgggtgcagc ttctctagct ggccttgctg ttggtatgtg 720
tgaaatttat aagaatgaga gttttcttgc aaactcttcc ttacagatag catttctcct 780
ctcaaattac aaaattctag agagtcaaaa aaaaaa 816

```

```

<210> 2344
<211> 914
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (9)...(917)
 <223> similar to gi3327078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2344
 ggaattcgcg gccaaaggagg acagcccagg ccaaggcagg caacctcatg tcagccatgc 60
 tgcattgtgga ggccctggag aggcagctgt ttctggaacc ttctcaggca cttgggcctc 120
 cagagcctcc ggaagccaga gtgcccggca aggcccaacc agaggtggat actaaggcag 180
 agcccagcca cacagcagcc ctcaccgcag tggccctgaa gccacctccc gtggagctgg 240
 aagtcaacct cctgaccccc ggggccgttc cccctacagt ggtctccttt ggaacggtga 300
 ccaccccagc tgaccggctg gccttgatag ggggcctgga gggcttcctg agcaagatgg 360
 cagagcacag gcagcagccc gacatcagga ccctcacgct actggccgag gtggtggagt 420
 ccgggagctc tgcagagtcc ttgctgctgg ccctcctgga tgagcaccag gtagaggccg 480
 acctgacatt ctttaacacg ctggtgagaa agaagagcaa gctgggagac ctggaggggg 540
 ccaaggcgct gttgccgggtc ctggcaaaga ggggcctcgt ccccaacctg cagacattct 600
 gcaacctggc catcggtgac cacaggccga aggacggtct acagcttctc acagacatga 660
 agaagtccca ggtgaccccc aacactcaca tctacagtgc cctcatcaac gcggccatca 720
 ggaagctgaa ctacacctat ctcatcagca tcttgaaagga catgaagcag aacagggtcc 780
 cgggtgaacga agtgggtcatc cgccagctgg agtttgagc ccagtaccct cccacctttg 840
 accggtacca agggaagaac acctacctgg agaagattga cggcttcgga gcctattaca 900
 agcagtggct gacg 914

<210> 2345
 <211> 430
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(423)
 <223> similar to gi211622 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2345
 gaggacccta caggtgctgc tggtaactac acatggccag tcccaagacg aggtggccca 60
 ggccgcggaa gccctgagac acagaggtat cgacatctac tccgtgggca ttggggatgt 120
 ggatgaccag cagctcattc agatcaccgg gactgcagag aaaaaactga cagtgcacaa 180
 cttcgatgaa ctgaagaagg tcaataaaag gatcggtcgc aacatctgta ccacagcggg 240
 tgaaagcaac tgtttcgtgg atgttggtgg gggatttgat gtctcaactc aggagaaagg 300
 gcagactttg cttgaaggtc agccttggat ggaaacctac cttcaagaca tcttacgtgc 360
 catcagctcc ctcaatggag taagctgtga ggtgggcaca gagactcagg tcagtgtggc 420
 ttttcaagtg 430

<210> 2346
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(579)
 <223> similar to gil545959 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2346
ccagcccagc gccaaagccc tggggagcat cctggcctac ctgacggacg ccaagaggag      60
gctgcgcaag gttgtctggg tgagccttcg ggaggaggcc gtgttggagt gtgacgggca     120
cacctacagc ctgcggtggc ctgggcccc tgtggctcct gaccagctgg agaccctgga     180
ggcccagctg aaggcccatc taagcgagcc tccccaggc aaggagggcc ccctgacctg      240
caggttccag acctgcctta ccatgcagga ggtcttcagc cagcaccgca gggcctgtcc     300
tggcctcacc taccaccgca tccccatgcc ggacttctgt gccccccgag aggaggactt     360
tgaccagctg ctggaggccc tgcgggcccgc cctctccaag gaccaggga ctggcttcgt     420
gttcagctgc ctcagcggcc agggccgtac cacaactgcg atggtgggtg ctgtcctggc     480
cttctggcac atccaaggct tccccgaggt gggtgaggag gagctcgtga gtgtgcctga     540
tgccaagtgc actaagggtg aatttcaggt gagcatgccc tgcgggggtcc ctgaggcacc     600
ttgggatggg aggaggagga ggactcctgc ttgccggtct aggggtcctc aaagg          655

```

<210> 2347
 <211> 1289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1290)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (183)...(905)
 <223> similar to gi5532497 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2347
agggcagggt tcagaaagac tgaatgtaaa gctgggctct gagtctgcca ggccttctgt      60
gtgttgctct gcacattaat taaagggtct acgaggtcag caaggacgcc caagaagact     120
cagtcatgaa aggtgaactg ctctgtttt ccagtgtgat tgtctgctc caggtggtat     180
gcagctgccc ggacaagtgt tactgtcagt catctacaaa tttttagtag tgcagccagc     240

```

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|------|
| agggtctggc | cgaaatccct | tcccatttac | ctcctcagac | tcgaacgctg | catttacaag | 300 |
| ataatcagat | acaccatctt | cctgcttttg | catttaggtc | agtgccatgg | ctcatgacct | 360 |
| taaacttgtc | caacaattcc | ctttcaaata | tggcccctgg | agctttccat | gggcttcagc | 420 |
| acttgacgg | tttaaatact | accagaatt | cactcctttc | cctggaaaagc | agacttttcc | 480 |
| attccctccc | tcagctgagg | gagcttgatt | tgatcatcaa | caacataagc | caccttccca | 540 |
| catccttggg | agagacttgg | gagaacctaa | ctatacttgc | ggttcaacaa | aaccagcttc | 600 |
| agcagcttga | tcgagcgctc | ctggaatcca | tgcccagtgt | gaggctttta | cttctcaagg | 660 |
| acaacctctg | gaaatgcaat | tgccacttgc | tcggtcttaa | actctggctg | gagaaatttg | 720 |
| tctataaaag | gggactaaca | gacggcatca | tctgtgaatc | accagacacc | tggaaggga | 780 |
| aggacctcct | taggatccct | catgagctgt | accagccctg | ccctcttcct | gctcctgatc | 840 |
| cagtgtcctc | gcaggntca | gtggcccggc | tctgcccccg | gtgtggtctt | gaggcctcct | 900 |
| tgagaaccac | aacgtggggg | agcgaggaa | tcttgggagt | tgcgagctca | aaccaagcc | 960 |
| aaggccggcc | caacctgcgt | catgccatt | gccactgtca | tcattcactg | gcgttgtgtg | 1020 |
| tgggattgtg | tgtctcatga | tgttgggcag | ttgccatctt | atggctgcaa | ctatgcccga | 1080 |
| atcacagccc | agtagctagg | gggaccttgg | gctcaaacca | atgtatcctg | ggaagggtgga | 1140 |
| agaaaaagag | cgattttgac | agctcaccag | cctgagagct | tttgtctcaa | atagggattg | 1200 |
| gtcattgcag | gccagaagat | agtgtctgag | tagggctgat | gtgtttcctg | ttagtctgat | 1260 |
| tttgcttttg | ccaaaagaca | aaaaaaaaa | | | | 1289 |

<210> 2348

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(788)

<223> similar to gi4104168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2348

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cccgggtcga | cccacgcgtc | cggagactca | acaccagcat | tcaggagatg | ctccgagtgc | 60 |
| ttttctccac | agactcgagg | gtacagaaga | tgtttgagat | cctcttggat | gaaaacagtg | 120 |
| aggctgataa | gcgggaaaag | gctgccaaca | atctcattgt | cctaggccgt | gaggaagcag | 180 |
| gggctgagaa | gatcttccag | aacaatggag | tagccttgct | actgcagctt | ctggacacta | 240 |
| agaagcctga | gctggtgctg | gctgcagtgc | ggacctgtc | gggcatgtgc | agcggccacc | 300 |
| aagccagagc | cacagtgatt | ctgcatgcag | tgccgataga | ccgaatctgt | atcctcatgg | 360 |
| ccgtggagaa | tgaggagatg | tctctggctg | tctgcaacct | gctccaagcc | atcattgact | 420 |
| ccttgtctgg | ggaggacaag | cgggagcatc | gagggaagga | ggaggccctg | gttctagaca | 480 |
| ccaagaagga | cctgaagcag | atcaccagcc | acctgctgga | catgctagtc | agcaagaagg | 540 |
| tgtctggcca | gggcagggat | caggcgctga | acctgctcaa | taagaatgtt | cccaggaagg | 600 |
| accttgccat | tcattgacaac | tcacgtacca | tctatgtggt | ggataatggt | ctgaggaaga | 660 |
| tcctgaaggt | tgtggggcag | gttccagatc | tgccatcctg | cctgcccctg | actgacaaca | 720 |
| ccgcagctgt | ggcctctatc | ctcatcaaca | agctctatga | tgacctgcgc | tgtgacctgg | 780 |
| agcgc | | | | | | 785 |

```

<210> 2349
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(579)
<223> similar to gi3882221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2349
aacgtcatgc atctctggcc attcaccata catgatctac gaggtctggg tgccaagaag      60
ttctatggca agttctgtgc tggagccatc gaccatatca gtatccgtca gctccaacta     120
atacttttga aagtagcctt gatcctaggc attgaaatcc acgtcaatgt ggaattccaa     180
ggacttatac agcctcctga ggaccaagag aatgaacgga taggctggcg ggcaactggg      240
caccccaaga ctcatcctgt gtcagagtat gaatttgaag tgatcatcgg tggggatggg      300
cggaggaaca ccttggaagg gtttcgtcgg aaagaattcc gtggcaaact ggccatcgcc      360
atcacggcaa attttatcaa ccgaaataca acagcagaag cttaaagtga agagatcagt      420
ggtgtggctt ttatattcaa ccaaaaattt ttccaggaac tgaggggaagc cacagggtatt     480
gacttggaga acatcgttta ctacaaagat gacacacact atttcgttat gacagccaaa     540
aagcagagtt tgctggacaa aggagtgata ctacatgtga gccacggatt tccttcaaaa     600
ctctttctta ttgaagtggc taatatcacc aa                                     632

```

```

<210> 2350
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(429)
<223> similar to gi930104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2350
caaaggccag taatagtacc catgagtttc gtattggcct acctgagggg tgggaatccg      60
aaaaaaaggc agttatcccc ctggggatcg ggccaccctc gactttaatc tgcctagggg     120
ttctgggggg tattctcatc tacgggagga aaggcttcca aactgcccac ttttacttaa     180
aggacagtcc atcccctaaa gtaatatcca cccctccacc acctatcttt ccaatttcaa     240
aggaggtcgg accaattcca ataaagcact ttccaaagca tgtggcaaatt ttacatgcaa     300
gtagggggtt tactgaaaaa tttgaaacac tgaaaaagtt ttaccaggaa gggcaaagct     360
gtactgttga cttaggtatt acagcaaaca gctccaacca cccagacaac aggcacagga     420
atcgatcctt aattg                                     435

```

<210> 2351
 <211> 426
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (13)...(427)
 <223> similar to gi3882141 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2351
 aattccccggg tcgaggggcta catcagcaac ctgcggaagc agctggagac gctgtctggg 60
 gacaggggtga ggctggactc ggagctgagg aatgtgcggg acgtagtgga ggactacaag 120
 aagagggtatg aggaggaaat caacaagcgg acagcagcag agaacgagtt tgtgtctgctc 180
 aagaaggatg tggatgctgc ttacgccaat aaggtggaac tgcaggccaa ggtggaatcc 240
 atggaccagg agatcaagtt cttcaggtgt ctctttgaag ccgagatcac tcagatccag 300
 tcccacatca gtgacatgtc tgtcatcctg tccatggaca acaaccggaa cctagacctg 360
 gacagcatca ttgacgaagt ccgcacccag tatgaggaga ttgccttgaa gagtaaggcc 420
 gaggct 426

<210> 2352
 <211> 449
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(449)
 <223> similar to gi186772 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2352
 ctacacggcc ggaattcccc ggtcgagggg ggtgtgggtg tgggtggatat gggatccatg 60
 gaaggggggtt tggctctagg agcctctaca atctgggtgg cagtagaagc atctccatta 120
 atctaattggg gaggagcact agtggtttct gccaggggtg gggagtaggg ggatttggag 180
 ggggcagagg ctttgggggtt ggcagcactg gggctgggtg ctttggagga ggtggttttg 240
 ggggtgctgg atttgggact agcaattttg ggcttggggg ctttggtcct tattgtcctc 300
 ctggggggcat ccaagagggtg accattaacc agagcctcct agagccactt cacctggagg 360
 tggaccctga aattcagagg atcaagacct aggagcggga gcagattatg gttctcaaca 420
 acaagtttgc ctccttcatt gacaaggcg 449

<210> 2353
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (544)...(803)
 <223> similar to gi2104558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2353

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| tcagatgtga | ccttcctggt | ggaaggaaa | ctgttttatg | cacataaagt | cctgctggtg | 60 |
| acagcttcta | acaggtaggc | agcctcagat | aacaaactcc | cagcccaggg | gcacagaagc | 120 |
| accttgtttc | agattccagg | tgacagagag | tgactcgctg | gggctgtacc | ctgcagcctc | 180 |
| tgccccctcag | actgcagtca | cattgcagca | gagccccact | cgccccacag | cgggatgaga | 240 |
| cggggtggac | ccagggcagc | aggaaagggg | ggctctgagg | tggtgttctt | tctggcctag | 300 |
| ttattgcttt | tattattaga | aaacataaat | atcctggaat | gaagagtcag | cattctggcc | 360 |
| acaggcgctca | ggtcgcttgt | aggggtgggtg | gtggggacag | aattgggctc | agctcagatg | 420 |
| tcttcctaag | atgggtgtaaa | atggcacttg | ctgaaaatta | ttttaggagc | acagcagtaa | 480 |
| tttttaaaat | gttcctgctt | gtggtagccg | gtcaggtgac | agatggtgcc | atcgccacac | 540 |
| agtgggtgaag | taaaaggttc | aaaacccacc | ttgctttgtc | tcctttgtc | caggttcaag | 600 |
| acactaatga | ccaataaatc | agaacaggat | ggggacagca | gcaagaccat | cgagatcagc | 660 |
| gacatgaagt | accacatttt | tcaggtgtgt | gggtcttggt | gccgccctct | tctcagaggg | 720 |
| atgaccctcc | cccaggagcc | caccttggtg | gcagctgtgc | attggtgtgc | attgttcact | 780 |
| ctattcccag | tgccctctgt | attctgttga | atgaatagag | catccaggtc | tttcctgtg | 840 |
| cagaggtagc | catccgttgt | ggggctgcag | cttcagagcc | tgt | | 883 |

<210> 2354
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(593)
 <223> similar to gi3874826 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2354

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cccacgcgtc | cgcttgagca | aggctcggca | caagctccgc | aagttcctcc | agaggcggcc | 60 |
| cacactgcag | tcgctgcggg | agaagggcta | catcaaagac | caggtgttcg | gctgcgcgct | 120 |
| ggccgcgctg | tgtgagcgcg | agaggagccg | gggtgccacg | ttcgtgcagc | agtgcacccg | 180 |
| cgccgtcgag | gcccgcgggc | tggacatcga | cgggctgtac | cgcatcagtg | gaaacctggc | 240 |
| caccatccag | aagctacgct | ataaggtgga | ccacgatgag | cgccttgacc | tggatgacgg | 300 |
| gcgctgggag | gacgtccacg | ttatcaccgg | agccctgaag | ctcttctttc | gggagctgcc | 360 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| cgagccccctc | ttcccccttct | cgcactttccg | ccagtttcatt | gcggccatca | agttgcagga | 420 |
| ccaggccccgg | cgcagccgct | gtgtgcgtga | cttgggtgcgc | tcgctgcccg | ctcccaacca | 480 |
| cgacactctg | cggatgctct | tccagcacct | ctgccgggtg | atcgagcacg | gcgagcagaa | 540 |
| ccgcatgtcg | gtgcagagcg | tggccattgt | gttcggggccc | acgctgctgc | ggcccagagg | 600 |
| ggaagagacc | agcatgcccc | tgaccatggg | gttccagaac | cagggtgggtg | agctcattcc | 660 |
| tgcatacgtg | cgcggacatc | ttcccgcgcg | actgactgct | ggcctgtgac | tggggacggc | 720 |
| ggtcgc | | | | | | 726 |

<210> 2355
 <211> 652
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(653)
 <223> similar to gi3882331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|-------------|---|
| <400> 2355 | |
| gaccaacaag | tcgagtggat ccagaactgc ccctcccggc gcagccagcc cgtggaccac 60 |
| gattgttaact | ccttgctggg cagcgtgagt tttgacctgt gtgagcgggg ccgccggggc 120 |
| ctggagacag | cctctcacag catgtctgca agcctggagc ccttctcta cggcctgcac 180 |
| gccctgttca | agggggattt tcgcatcacc tccccacgtg acgagtgggt ctttgccgac 240 |
| atggacctgc | ttcacccgct tgtggcgccg ggggttcgca tggccctcaa gcttcaccag 300 |
| gaccacttca | cgtccccaga tgaatatgag gagccagcag ccctatacga tgccattgcg 360 |
| gccaacgagg | agcggctggg catctcacat gagggtgacc cagcatggcg cagcgccatc 420 |
| ctcagcaaca | cgcctccctt gctggcgctg cgccatgtcc tggatgatgc ctccgacgag 480 |
| tacaagatca | tcattgctcaa ccggcgccac ctcagcttcc gagtcatcaa ggtgaaccgg 540 |
| gagtgcgtgc | gcggcctgtg ggccggggcag cagcaggagc tgggtgttct gcgcaaccgc 600 |
| aaccccgagc | gtggcagcat ccagaacgcc aagcaggcgc ttcgcaacat ga 652 |

<210> 2356
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (60)...(641)
 <223> similar to gil778382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2356
gccactcaat atcggaagg ctgggacgcc tgtggggacc gccacgttat tcgcggggcg      60
acccacgcgt ccgacccaag gagaagctgc acaccctgga ggagttctcc tatgagttct      120
tcagggtccc agagaaggac atggtgagca tggcctgtgt gcccctggcc cgtgcccgtg      180
gccacctgtg ggcctattcc tgcgagccgc tgcgacagcc gctgctcaag cgagtccacg      240
ccaacgtcga cctctgggac atcgctgcc agatctttgt cggcatcctc cggtagatgg      300
gcgactaccc ttctcggcag gcctggccca ccctggagct caccgaccag atcttcacac      360
tggccctgca gcacccggcc ctccaggacg aggtctactg ccagatcctg aagcagctga      420
cgcacaactc caacaggcac agcgaagagc ggggctggca gctgctgtgg ctgtgcacgg      480
gcctcttccc gccagcaag gggctgctgc cccatgcccc gaagtttata gacactcgga      540
gggggaagct gctggcccc gactgcagcc gccgaatcca gaaggctcctg aggacggggg      600
cccgaagca gccccgcac catgtggagg tggaggccgc t                                641

```

<210> 2357

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(469)

<223> similar to gi211616 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2357
tgatactgga cagaaaggct tgcctggccc tcttggcccc cctggctatg gatcacaggg      60
aattaaaggg gaacaaggac cacaaggctt cccaggccca aagggcacaa tgggccatgg      120
cctcccaggc cagaaggagg agcacggaga acggggcgat gtgggaaaga aagggtgataa      180
aggagaaatt ggagagcctg gatctccagg aaaacagggt ttacaaggac ccaaaggaga      240
cctaggactt acaaaagaag aaattatcaa acttattaca gaaatatgtg gttgtggggc      300
caaatgcaaa gagactccac tagagctggt gtttgtgatc gacagctcag aaagcgtggg      360
gccagagaac tttcagatca ttaaaaattt tgtgaagact atggctgacc gggttgctct      420
ggaccttgcc acggcccgca taggcataat caactatagc cataagggtg agaagggtg      479

```

<210> 2358

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(91)

<223> similar to gil209685 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2358
accgagctgg ggagtagcga gtactccaaa gccagtggtg atgagtactg tatccaggga      60
gacaactgct tccccatcat ggtacggccc tgcagctggg catctctgac tagcccccttg    120
cccaccctga tgtagcagac attcccagct catcagctag gatctctgga tagatctggg    180
atactgattt ggtagtttcc catgcctcac gtgtccattc gttcactcat ccgtttattc    240
agtaaataga cattgaccac cccataccag gcagtgcact aagcgctgag gattccaaag    300
tgaacaggac actgctcctg ctctcaagaa caaagggccca gtgtgggaat tggacaagta    360
aactactgat agcagaatgg gaacactgga gaaggttgtc tacattcccg acccagc      417

```

<210> 2359

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (514)...(699)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2359
cctcatttcc tgatcgaaca gcctcacttg tgttgctgtc agtgccagta gggcaggcag      60
gaatgcagca gagaggactc gccatcgtgg ccttggctgt ctgtgcggcc ctacatgcct    120
caccagccat acttcccatg gcctccagct gttgcacgga ggtttcacat catatttcca    180
gaaggctcct ggaaagagtg aatatgtgtc gcctccagag agctgatggg gattgtgact    240
tggctgctgt catccttcat gtcaagcgca gaagaatctg tgtcagcccg cacaaccata    300
ctgttaagca gtggatgaaa gtgcaagctg ccaagaaaaa tggtaaagga aatgtttgcc    360
acaggaagaa acaccatggc aagaggaaca gtaacagggc acatcagggg aaacacgaaa    420
catacggcca taaaactcct tattagagag tctacagata aatctacaga gacaattcct    480
caagtggact tggccatgat tggtagtctc cgctctgtca cacaggctgg agggcagtgg    540
cgggatctcg gttcacccca acctttgcct cacgggttca agggattctc gtgcctcagc    600
cttccaagtg gctgggattg caggtgtgcg ccagtacgcc tggctagttt tagtattttt    660
tgttacagac ggggtttcac catgttggct gggctggg      698

```

<210> 2360

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(672)

<223> similar to gi1212992 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2360
aggggtcgacc cagcgttccg catgatacat acaccttttag aggacactgt ttctgttgaa      60
ggtgatattg ttcacctcac aacatccata acaaagtcta aagaggtgaa ttggtatttt      120
gagaataaac tgggtgccttc agatgaaaag ttcaagtgtt tacaagatca aaatacatat      180
acgctagtca tcgacaaaag aaataccgaa gaccatcaag gagagtatgt ctgtgaggcc      240
ttgaatgaca gcggaaaaaac agcaacttca gccaaactca ctgtagtaaa aagagctgcc      300
ccagtgatca agaggaaaat cgaacccctg gaagtagcac tgggccacct agccaaattc      360
acctgtgaga tccaaagtgc tcccaatgtc cggttccagt ggtttaaagc tggccgagaa      420
atztatgaga gtgacaagtg ttctattcga tcttcaaagt atatctccag ccttgaaatc      480
ctgagaaccc aggtgggttg ctgcggcgag tatacatgca aagcttccaa tgagtatggc      540
agtgtcagct gtacagccac actaactgtg acagaaccac caaagtttgt aaagaaatta      600
gaagcctcca aaattgtgaa agcagggtgac tcttcacgac ttgaatgcaa gatagctgga      660
tccccagaaa tcagagttgt gtgggtccga aa                                692

```

```

<210> 2361
<211> 736
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (20)...(738)
<223> similar to gil666689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2361
gtttgaacag cccggaaacc cgggcgaccc acgcgtacga actccgcccc catggggggc      60
ccactttttc gctttgattc cttcttcccc caaagagggtc ccagctaccc catcctccag      120
aagggaaccc attgccccaa cagcgactct tctctctaaa aagaccccag caactctagc      180
ccccaaagag gccctcattc ccccagctat gactgttccc tcccctaaaa agaccccagc      240
aattccaacc cccaaagaag ccccagctac cccatcctcc aaagaggcct ccagtcccc      300
agcagtgact ccttccactt acaaaggggc cccatcccc aaagagctcc tcattccacc      360
agctgtgact tctccttccc ccaaagaggc acctactcct ccagctgtga ctctccatc      420
ccccgaaaag ggcccagcaa ctccagcccc caaagggact cccacttccc cactgtgac      480
tccttctccc ctcaaagact ccctacttc cccagcttct gtcacatgta aaatgggggc      540
cactgttctc caagcatcta aagggttccc agcaaagaaa ggccccacag ctctgaaaga      600
agtacttgtt gcccagctc cagaaagcac gccaatcatc acagctccca ctcgaaagg      660
tccacagacc aaaaagagtt ctgctacttc acctcctata tgcccagatc cctcagctaa      720
gaatggttct aaagga                                736

```

```

<210> 2362
<211> 862

```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(856)
 <223> similar to gil61804 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2362
 agaaggtcaa ggaagatgag gatgatggtg tgggtgatgg ggatgaggac actgacagtg 60
 ccatagggag cttccgatat tcttcccga gtaattccca gaaacctgaa acagacacat 120
 gctcctccct ggctgtctgt gatcactatg caagtggcag cagagttggc aaagagatgg 180
 atagcagtat taataagtgg ctcaagtggc tcaggacgga ggaaaaaacct cctttccaaa 240
 gtgactggtc tggaagtcc agagggaaagt acaccagatc gtccctgctc agggagacag 300
 agtctaaatc ctccagttac aagttttcca aatcccagtc agaggaacag gacacctcct 360
 cctaccacga ggcaaatggc aactctgtaa gaagcacttc acggttctca tcttcctcca 420
 ccagggaggg cagagagatg cacaagttct ccagggtccac gtacaacgag acctcaagtt 480
 cccgagagga gagcccagag ccctacttct tccgccggac cccagagtcc tcagaaaggg 540
 aagagtcccc agaaccacag cgcccaaatt gggccaggtc cagggactgg gaagatgtgg 600
 aagagtcac caagtcagac ttctctgaat ttggagccaa gaggaagttc acccagagct 660
 ttatgaggtc tgaagaagag ggagagaaaag agaggacaga aatcagagaa gaagggaggt 720
 ttgcatctgg acggcgtcc cagtatcgga gaagcaatga cagggaggaa gaggaagaaa 780
 tggacgatga agccatcatt gctgcttga gacgccggca agaagaaacc aggtccaagc 840
 tgcagaaaag gagggagtgt ac 862

<210> 2363
 <211> 521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(523)
 <223> similar to gi3047189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2363
 cgacacattc gggcagaagc gcatcatctc gccatccttt gataacatca aatattataa 60
 ctttgttata gaagagtacc cgctggctgc ccagggtctt gactgggagc tgtggtgccg 120
 ctacctaaat ccccccaagg cctggtggaa gctggagaac tccacagcgc caatcaggag 180
 ccctgccctc attggctgct tcattgtgga cgggcagtac ttccaggaga tcggcctgct 240
 ggacgaaggc atggaagtct acgggggcga gaatgtggag cttgggatca ggggtgtggca 300
 gtgtggcggg agtgtggagg tctgccctg ctacaggatt gcccacattg agcgagccca 360
 caagccctac acagaggacc tcaccgcccc tgtccgcagg aacgctctca ggggtggctga 420
 agtctggatg gatgaattta aaagccacgt ctacatggca tggaacatac cgcaggagga 480
 ctcaggaatt gacattgggg acatcactgc gaggaaagct t 521

<210> 2364
 <211> 612
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(589)
 <223> similar to gi407139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2364
 aaatcaacct ttgagatctc ttcagtccag gcttccgatg agggcaatta cagcgtggtg 60
 gtagaaaaca gtgaaggga acaagaagca gagttcactc tgactattca aaaggccagg 120
 gtaactgaaa aggctgtgac atcaccacca agagtcaaat cccagagacc tcgggtgaaa 180
 tccccagaag cagttaagtc tccaaaacga gtgaaatctc cagaaccttc tcacccgaaa 240
 gccgtatcac ccacagagac aaaaccaaca ccaacagaga aagttcagca cctcccagtc 300
 tctgccccac caaagattac tcagtctcctg aaagcagaag cttctaaaga gattgcaaaa 360
 ctgacctgtg tggttgaaaag cagtgtatta agggcaaaaag aggtcacctg gtataaagat 420
 ggcaagaaac tgaaggaaaa tgggcatttc cagtttcatt attcagcaga tggtagctat 480
 gagctcaaaa tcaataacct cactgaatct gatcaaggag aatatgtttg tgagatttct 540
 ggtgaagggt gaacgtctaa aaccaactta caatttatgg agcaagctat cattaaacat 600
 gtctgtttat cc 612

<210> 2365
 <211> 707
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(709)
 <223> similar to gi1212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2365
 tcttggagcc agtgccagac tgcacgtgga gactgtcaag atcattaaaa agccaaagga 60
 tgtgacagcc ttggaaaatg ccactgttgc ctttgaagtt agtgtttccc atgacactgt 120
 tccagtaaaa tggttccata agagtgtgga aattaagcca agtgacaaac acagactggt 180
 ctgagaaagg aaagtccaca agctgatgct gcagaacatc tccccctcag atgctgggga 240
 atacacagct gtggtcgggc aattggaatg caaagcaaaa ctgtttgtgg agacattaca 300
 tattacaaaa accatgaaaa atatcgaggt gcctgagacc aaaactgcct cttttgagtg 360

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| tgagggtgtcc | cacttcaatg | tcccttccat | gtggctgaag | aatgggtgtgg | aaattgagat | 420 |
| gagtgaaaag | ttcaagatag | ttgtgcaggg | aaaactccat | cagctgatca | tcatgaacac | 480 |
| cagcacagag | gactcggcag | aatacacatt | tgtctgtggc | aatgaccaag | tcagagccac | 540 |
| cctgacagtc | acccaatca | tgattacttc | catgctgaaa | gacatcaacg | ctgaagaaaa | 600 |
| agacactatt | acttgtgatg | tgacagtga | ctatgaaggc | atctcttaca | aatgggtaaa | 660 |
| gaatgggtgtg | gaaatcaaat | caactgacaa | gtgccagatg | agaacca | | 707 |

<210> 2366
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (752)...(463)
 <223> similar to gil017427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2366 | | | | | | |
| gaaccattac | ggcgctgac | caattggctc | acttgcagag | aaacatttgc | gcattgttct | 60 |
| gttatatgaa | ctgcaacca | tttggtagtc | aaagaggtgt | actgtgcaac | tcttcccaa | 120 |
| attctagaaa | gtgagaattg | ttaaaattct | tgattttaaa | cttcaacttt | aacactttct | 180 |
| taaagctgaa | gtctctaaga | aaactgtngt | agaagaaaag | agatttggtg | ctgaagaaaa | 240 |
| actatccttc | gcagttcctc | aaagagtggg | agtcacgcgg | cacgaaggta | tataatcgga | 300 |
| agtcagggga | taaatgagtt | tgtgtgtggt | tcctcaaagt | ctcttcttct | tccacatgtg | 360 |
| attgtttact | ttagaacatg | tcctcatcag | ttatttctcc | ttatgttggt | attagaatgt | 420 |
| gtctaccttt | tgtagccttc | tgggactgag | tcttttgtgt | ctatgttggc | cttgaatcat | 480 |
| tcgaaggaag | tggatgagtc | ccgaaaatgt | tataattttg | aaagtggcca | cacttggaca | 540 |
| taactcaagt | atcattctca | gtcttgggct | gtacttgccc | tcatattaaa | ttagcttcct | 600 |
| ccttcttata | gtgaggaagt | accatgaagc | tatgtcctaa | gcagatagaa | gaacagttat | 660 |
| ccatctgtag | tgaccacatg | gctgtatata | catctgtatc | tcagcaggct | gaatttaaat | 720 |
| gaaaccttat | ctttaaagta | tctgcagagg | ag | | | 752 |

<210> 2367
 <211> 547
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(405)

<223> similar to gi2970644 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2367
tgaatttcat gctgaaaaag aagagatagt gaaagggtgat gtacaacaag caataaaaaa    60
cctgttctct gaggaaagat ctgtaaagaa aggcattctta attcaggaag atgaaaaaagg    120
agatattaac atgactatct attgtcttct tcatgaaaat gatggtgaca caattgagcg    180
tgaagaagta ataggtggtg atgtcaaacg taccattcat aatttattgt cttccacatc    240
aaacaataaa atatctgaaa gggctaaaat tgatgcctct gagagaggaa atgttcagtt    300
tttcacaacc tgcatagaag ctggagcttt ggattatctg aaacaactcc acacagagtc    360
aaatgaaaca ctgacagcta agaaacaaga aggagagaaa gaaatcattg gtggtgatgt    420
tgaaggtaga aaactgttac tgaagaaaag gcagtctctg gttgaacata ctgttagtga    480
aactgacatc atccctggag atgtgcataa cacagttaag gtttttatga ccgagcctca    540
gagtaca                                           547

```

<210> 2368
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(563)
<223> similar to gi3116214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2368
aattctcgcg tgcaccacag cgtccgatcg agaaagcccg gccctactat gaggctcggc    60
ggctgtctaa ggaggttcag caggagacac agaaggcagc gctgcggtgc gagcgggccc    120
taagcatgca caacgctgct cgagaaatgg tgtttgtggc tgagcagggc gtcattggtg    180
acaagaaccg actggacccc acgtggcagg agatgctgaa ccatgctacc tgcaaggtga    240
atgaggcgga ggaagagcgg cttctaggtg agcgggagca ccagcgagtg actcggctgt    300
gccaacaggc tgaggctcgg gtccaagccc tgcagaagac cctccggagg gccatcggca    360
agagccgccc ctactttgag ctcaaggccc agttcagcca gatcctggag gagcacaagg    420
ccaaggtgac agaactggag cagcaggtag ctcaggccaa gacgcgtac tccgtggccc    480
ttcgtaacct ggagcagatc agcgagcaga ttcacgcacg gcgccgcggg ggtctgcctc    540
cccacccctt gggccctcgg tgctcctccc ccgtg                                           575

```

<210> 2369
<211> 606
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(608)
 <223> similar to gi3970966 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2369
 taatatcaac gaagccatgg ctacgagggc taatgtgggg aaaaggaaaa acataaccac 60
 tggggcatct gcagcatccc agactcagat gcctacgggc cagacaggca actgtgagtc 120
 cccttttaggg agcaaggagg acctcaactc caaagagaac ctggatgccg atgagggaga 180
 tgggaaaagt aacgacctcg tccttagttg tccttacttt agaaatgaga ctggagggga 240
 aggcgacagg cggattgcgc tctctcgagc caactcatcc tctttcagtt ctggggaaaag 300
 ctgtctcttc gaatcgtcac tcagctctca ctgcacaaat gcagggtgtct ccgtcttgga 360
 agtgcccaga gaaaaccagc ctattcacag ggagaaaagt aagcgctaca tcatagaaca 420
 cattgacctt ggggcctatt attaccgcaa attcttctat gggaaaagag accaaaaacta 480
 ctttgaata gatgaaaacc ttggtccagt agcagtcagc atccggagag agaaggtgga 540
 agatgccaaag gagaaagaag gatcccagtt caactacagg gtggctttca ggacaagtga 600
 gcttac 606

<210> 2370
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (157)...(649)
 <223> similar to gi4096697 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2370
 cagggtcgag gcctgtaatt ctccccagcc atccatcgta catctctcca acaaaccag 60
 atatgtgggc tcctagactt actccgatca tgtaaagtgc atcaagagaa gctccttctg 120
 ccaacatctg gtcaataaat tccttcaaga ccattggctgg ggagaattac aggctcgcac 180
 cctgcaggcc ctttattcaa cgggaaacct caccaagaca gattagatcc cagtgatgcg 240
 cagtttggtg atgtcatcca ttccgacact gatgcactgg gctacaagga gccattagga 300
 aacatagact tctacccaaa tggaggattg gatcaacctg gctgccccaa aacaatattg 360
 ggaggatttc agtattttaa atgtgaccac cagaggtctg tatacctgta cctgtcttcc 420
 ctgagagaga ctgcacccat cactgcgtat ccctgtgact cctaccagga ttataggaat 480
 ggcaagtgtg tcagctgcgg cacgtcacia aaagagtcct gtcccccttct gggctattat 540
 gctgataatt ggaaagacca tctaaggggg aaagatcctc caatgacgaa ggcattcttt 600
 gacacagctg aggagagccc attctgcatg tatcattact ttgtggatat tataacatgg 660
 aacaagaatg taaga 675

<210> 2371
 <211> 1977
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (266)...(857)
 <223> similar to gi9916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2371

| | | | | | | |
|------------|-------------|------------|-------------|-------------|-------------|------|
| gaatttccgg | gcgaccccg | gtccgcccac | gcgtccggaa | ctgaggacag | ggacagaggt | 60 |
| tatattatgg | taccttgact | ggcgagcact | tatgaagaga | aagaggatga | aggccaacat | 120 |
| taagctgggt | ggttcaggat | ttccccctcc | ctcctctgat | ttggatgact | ctctcactga | 180 |
| agagatagat | gaaaagattg | gattccgaaa | tgatgcaaat | tttgactggc | aaaatgtggc | 240 |
| agatttcagg | gatgcagggt | gattcctaac | tgaggtaaac | gtggaagagg | aagaaagggg | 300 |
| tccgcagagt | cctgaatttg | aaattgagga | ggaggaagaa | atgttgatcat | ccgtcatacc | 360 |
| agattccagg | agagaaaatg | aacttcccg | tttccccac | attgatgagt | ttttaccct | 420 |
| taactcaaca | ccatctagat | ctgcatatga | tgagcctcat | ttgctcgtaa | atattgagaa | 480 |
| acagaaacta | gagttggaaa | aacgacgact | ggatatcgag | gccgaaaggc | tgacaggtaga | 540 |
| aaaggaacgc | ctacaaatcg | agaaagagag | gctgcggcat | ttagacatgg | aacatgagcg | 600 |
| gcttcagcta | gagaaggagc | ggctgcagat | tgaagagaga | aagttgaggt | tacagatagt | 660 |
| caattcagag | aaaccgtcct | tggaaaatga | acttggtcaa | ggagaaaaat | ccatgcttca | 720 |
| accacaggac | atagaaacag | agaagttaaa | acttgagcga | gaacgcttgc | aactggaaaa | 780 |
| ggataggctg | cagtttttga | agtttgaatc | tgagaagctg | cagattgaaa | aggaacgctt | 840 |
| acaggtagag | aaagacagac | ttcgaattca | gaaagaagga | cacttgacgt | gatttttcca | 900 |
| ggcttccatt | tagcaaatgt | ttgaaaactc | tagatttttc | tcatatcagg | tgatataatg | 960 |
| atggttgctg | gattagctgt | ggtttcttgt | ctaattgtcag | tgttcagtag | gaaaaagtta | 1020 |
| tatgtggata | actgtatgcc | taagtagtat | ataaaagctg | tgccctagcg | taaacagtat | 1080 |
| agcagaaact | tactgtgctg | gactctttac | cttataatat | tacatagagt | cttgtattgt | 1140 |
| ctgtgtaccc | agagttttaca | attatgtcca | tataaaattc | tagcccagaa | gttctcatct | 1200 |
| ggggtagatt | ttggccttca | gaagaccaat | ttggtgatgt | ctggagacat | gttgggttgt | 1260 |
| caaaactggg | gtggggaaaa | ggttgctact | gtgcaatgca | tacctcctca | acaccccccc | 1320 |
| acactcagta | aagaattttc | caacccaaaa | tatcattagt | cctgagggtg | agaaaccctg | 1380 |
| tcctagccta | actgtgtacc | tctatagcta | tgttttatag | ttttagaata | ttaaaacctc | 1440 |
| agatatttat | gtgggtaggt | acttaaattg | ccaaaaactt | taactatgaa | atgttactgt | 1500 |
| gtagtatatt | gaatatagga | agtgatgaag | attataggtg | ttttattccc | atgtttccat | 1560 |
| ctataaatag | ccttctcaga | ttcagaaaaa | aatacagaga | acatcagaaa | ttttctaaaa | 1620 |
| tgggtcactt | tgaaaagaat | tctttttctc | actattaatg | ctttagaagc | aagacgcaat | 1680 |
| tttaaagctt | tagttccttt | tctttcagtc | attgtcttag | tttgggtaca | aaaatgtcat | 1740 |
| ttcagtaatg | tactgaaatc | ttataagtga | atagttgaag | ctagtaaaaa | tgataccagt | 1800 |
| ataaaaaatg | tactttagtg | ccatgagctt | gaacccaatg | actgattgtt | tgacttttaa | 1860 |
| aataagtaat | agcagccatt | tgggagtagg | gggtaggtgg | ggaagatgta | ctccgtatca | 1920 |
| aataataatg | atggttgaat | aatgatagta | ggtatgtatt | atggattgga | gaagcac | 1977 |

<210> 2372
 <211> 1094
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(330)

<223> similar to gi3850177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2372

```
atgagagata ggcagtaagg acagccctgt gagtccgtac tgcaggtgtg gggcccagtt      60
gcccttccgg cctaaatggg cactttgcat ttctctagaa aacattacac cccttgcttg      120
ggctctgcc  aagtctgact actgcttttt ttgcagagg tgaacaagaa ggaggtggtg      180
gaggctgtga ccattgtaga gacaccaccc atggtggttg tgggcattgt gggctacgtg      240
gaaaccctc  gaggcctccg gaccttcaag actgtctttg ctgagcacat cagtgatgaa      300
tgcaagaggc gtttctataa gaattggtaa gggaggaggc catgcagtcc ctagcttggg      360
agcttgggag ctggagagca gggagcagcg tgtgcatggt ttctcagctc tgtagcaggc      420
agggagctgc tgtcttgggt ttagtttgcc tctcgaacag aaaaatacct gggatcagac      480
ttggccagcc atctggtttc agccggaagc taacaccctc attctgagtc caggctagtg      540
ggtggtggct gaggaccag  ttggttgagg agtccaacta gaaaccagga gaggtagcag      600
aataattaaa cccctatagg ggtggcaagg gcctctggcc ctgggtggaa tgtcccattt      660
cctccatcac tgagtgggct tccccaggc agaaagggtt gtcccggagc aagaattttg      720
tttgaatgcg tgtaacttaa attaaccttg tggacctctg ctcagctccg ctcggtctg      780
cccgatgagc tccatccagg ctccgcttgc cgggtgaaaa ggctccttag aagccggcaa      840
tgagctccat cccacgcgg  tgccagtgtg ccttccgctc acccctcgga ggggtgatga      900
aggcctgcac ctggtccct  cccaactct gctctgctcc tgaaggcata aatctaagaa      960
gaaggccttt accaagtact gcaagaaatg gcaggatgag gatggcaaga agcagctgga     1020
gaaggacttc agcagcatga agaagtactg ccaagtcac  cgtgtcattg cccacacca     1080
gatgcgctg  ctte                                1094
```

<210> 2373

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (113)...(332)

<223> similar to gi1002425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2373

```
ctggaggcga gcttcaacgt catcaactca cactcctctc cctgtcttcc ggctcctttc      60
```

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| ggatatgtgtg | ggctctgggca | gggcagtaga | ggtcagaagg | gctggcctgg | agtgtctact | 120 |
| ccatccccta | ccttttggct | tctgtctacc | cctgcaaggc | tggctcagaa | ggttctgggg | 180 |
| gaggagtctt | tttctcagtc | tgcacctca | gggtgtgatc | ccagcggcct | gtgtgtggat | 240 |
| tgtttctgcc | tttgtgggat | tcagtgttat | cccccaggaa | ctgtctgccc | ccaccaaggc | 300 |
| accatggatt | tggtgcctc | acccaggtag | gntttctcct | agtctccat | tctcttggtc | 360 |
| aaataaaggt | atctatttga | actc | | | | 384 |

<210> 2374
 <211> 77
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(69)
 <223> similar to gi3758795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| <400> 2374 | | | | | | |
| ctccgcctcc | caaagtactg | ggattacagg | tgtgagccac | cgtgcccagc | caagaccttg | 60 |
| tatctttaa | aaaaaaa | | | | | 77 |

<210> 2375
 <211> 697
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(683)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 2375 | | | | | | |
| cccctgggag | tgtgctggaa | ttcgaaagct | tttgattgca | gtgactctgg | gaaatccttc | 60 |
| attaatcatt | cacaccttca | gggacattta | agaactcaca | atggagaaag | tctccatgaa | 120 |
| tggaaggaa | gtgggagagg | ctttattcac | tccacagacc | ttgctgtgcg | tatacaaact | 180 |
| cacaggtcag | aaaaacccta | caaagtgaag | gaatgtggaa | aaggatttag | atattctgca | 240 |
| taccttaata | ttcacatggg | aaccacact | ggagacaatc | cctatgagtg | taaggagtgt | 300 |
| gggaaagcct | tcaccaggtc | ttgtcaactt | actcagcaca | gaaaaactca | cactggagag | 360 |
| aaaccttata | aatgtaagga | ttgtgggaga | gccttcaactg | tttctctttg | cttaagtcaa | 420 |
| catatgaaaa | tccatgtggg | tgagaagcct | tatgaatgca | aggaatgtgg | gatagccttc | 480 |
| actagatctt | ctcaacttac | tgaacattta | aaaactcaca | ctgcaaagga | tccctttgaa | 540 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgtaagatat | gtggaaaatc | ctttagaaat | tcctcatgcc | tcagtgatca | ctttcgaatt | 600 |
| cacactggaa | taaaacccta | taaatgtaag | gattgtggga | aagccttcac | tcagaactca | 660 |
| gaccttacta | agcatgcacg | gaactcacag | tggagga | | | 697 |

<210> 2376
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (375)...(831)
 <223> similar to gi5758310 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 2376 | | | | | | |
| caggatctgt | gaggatttca | tttggataca | tgtcgacgct | ggatgatgtc | caggcctttc | 60 |
| ttaggttcat | catagacact | cgctgcact | catcagggga | ctggcctgtc | cctcaggccc | 120 |
| atgctgacac | cggggagact | ggagcccat | cagcagacag | ccaggctgat | gttatacctg | 180 |
| ctgtcatggg | cagacgtagc | ctctcgctc | aggaagatgc | cctcacaggc | tccagggttt | 240 |
| ggaacaactc | gtctactgtg | aatgctgtgc | ctgtggcccc | acctgtgtgt | gatgtcgcca | 300 |
| gaaccagcc | gactccttca | gagaaagctg | caggagtcct | ggagggggcc | cttgggccac | 360 |
| atgttgtcac | taacctttat | ctctatccaa | tcaaatectg | tgctgcattt | gaggtgacca | 420 |
| ggtggcctgt | aggaaaccaa | gggctgctat | atgaccggag | ctggatgggt | gtgaatcaca | 480 |
| atggtgtttg | cctgagtcag | aagcaggaac | cccggctctg | cctgatccag | cccttcacg | 540 |
| acttgcgcca | aaggatcatg | gtcatcaaa | ccaaagggat | ggagcctata | gaggtgcctc | 600 |
| ttgaggaaaa | tagtgaacgg | actcagattc | gccaaagcag | ggtctgtgct | gacagagtaa | 660 |
| gtactttatga | ttgtggagaa | aaaatttcaa | gctggttgtc | aacatttttt | ggccgtcctt | 720 |
| gtcatttgat | caaacaaagt | tcaaactctc | aaaggaatgc | aaagaagaaa | catggaaaag | 780 |
| atcaacttcc | tggtacaatg | gccacccttt | ctctggtgaa | tgaggcac | | 828 |

<210> 2377
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(389)
 <223> similar to gi498721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2377

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| acataccata | gagaagcctt | atgaatgtaa | ggaatgttta | aagtcctttt | tatatccctc | 60 |
| aagactcact | cgtcacacag | aaattcatac | tggcaagaaa | ccctttgaat | gtaaggaatg | 120 |
| tggaaaaacc | tttatttggt | gctcagacct | tactcgacat | cacagaattc | acactgggtga | 180 |
| gaaaccctat | gaatgtaagg | aatgtgggaa | agccttttagt | agtgggttcaa | acttcactcg | 240 |
| acatcagaga | attcacacag | gtgagaagcc | ttatgaatgc | aaagaatgcg | ggaaggcctt | 300 |
| tagtagtggc | tcaaacttta | ttcaacatca | gagaattcat | actggggaaa | aaccctatga | 360 |
| atgtaaggaa | tgtggcaatg | ccttttagtca | gag | | | 393 |

<210> 2378

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(768)

<223> similar to gi5640021 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2378

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| atTTTTTggt | gtgcatgatg | agacttgtca | agtgattgga | tgtgaaaaag | agaaaataga | 60 |
| ccttacgagc | ttgagggtt | ctattgatgg | ctgtattaag | aagctacctg | tccatcattt | 120 |
| ctgcacacag | aggcctgaga | taaaatatgt | ccttaacttc | cttgaagtgc | atgataaggg | 180 |
| ggccctccgt | ggatatgtct | gtgcaatcaa | ggtaggagaaa | ttctgctgtg | cgggtgtttgc | 240 |
| caaagtgcct | agttcctggc | aggtgaagga | caaccgtgtg | agacaattgc | ccacaagaga | 300 |
| atggactgct | tggatgatgg | aagctgacct | agacctttcc | aggtgtcctg | agatggttct | 360 |
| ccagttgagt | ttgtcatctg | ccacgccccg | cagcaagcct | gtgtgcattc | ataagaattc | 420 |
| ggaatgtctg | aaagagcagc | agaaacgcta | ctttccagta | ttttcagaca | gagtgggtata | 480 |
| tactccagaa | agcctctaca | aggaactctt | ctcacaacat | aaaggactca | gagacttaat | 540 |
| aaatacagaa | atgcgccctt | tctctcaagg | aatattgatt | ttttctcaaa | gctgggctgt | 600 |
| ggatttaggt | ctgcaagaga | agcagggagt | catctgtgat | gctcttctaa | tttcccagaa | 660 |
| caacacccct | attctctaca | ccatcttcag | caagtgggat | gcgggggtgca | agggctattc | 720 |
| tatgatagtt | gcctattctt | tgaagcagaa | gctgggtgaac | aaaggcggc | | 769 |

<210> 2379

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (73)...(552)

<223> similar to gi2621120 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2379
gtgtgctgga attcgaggt ggcacacaaa gctgagatat tgtcaccttt gggagcactg      60
tattacaaca ctggccgata cgaagaggct ttgcagattt accaggaagc tgcagcactt      120
cagccttctc agagggagct ccgcttggca ctggctcagg ttttggccgt gatgggtcag      180
acaaaagaag ctgaaaagat gaccaatcac attgtgtcag aggagaccgg atgccttgaa      240
tgctatcgcc tcttgtcagc catctatagc aagcaggaga accacgacaa ggcacttgat      300
gctatagaca aggctctcca gctgaaacca aaggacccaa aagtcatttc tgaacttttt      360
ttcacaaaag gaaaccaatt aagagagcag aaccttctcg acaaagcttt tgagagctat      420
agagtggctg tgcaactaaa cccagaccaa gcacaggcct ggatgaacat ggggtggcatc      480
caacacatca agggaaaata tgtgtctgca agagcttatt atgagagagc cttacagctg      540
gttccagaca gcaaactgct gaaggaaaaat cttgccaaat tggatcgccct agaaaaacga      600
ttacaagaag ttcgagaaaa ggatcaaaaca tagcaccacc gtctgaccca acctcatagt      660
ataatgtggt gcctctgaaa ggggagtgat ggaagccttg ctttcacatc agcaggggca      720
caactaatga gattttctct cattccgagt tcagggtgac acattttggg acatctgctg      780
gt                                                    782

```

```

<210> 2380
<211> 875
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(870)
<223> similar to gi557822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2380
tcagaaacct caccgatgtc tgacttacct ttaacatcag aaacttcttc agtgtcttcc      60
atgtttctca cctctgagac cactttttgta tccagtttgc cacttccttc agaaacatct      120
ccaatttcca actcttccat aaatgagaga atggcacatc agcaaagaaa gtcaccttct      180
gtatctgaag agccactctc cccgcagaaa gatgagtctt ccgccactgc caaacctctg      240
ggagagaacc ttacctccca gcagaagaat ctgtctaata ctcccgaacc catcataatg      300
agttcttctt ccattgctcc tgaagcattt ccgtctgaag atttgcacaa taagaccctg      360
agtcagcaaa cctgtaaate acatgttgac actgagaagc cctaccctgc ttcaattcca      420
gaacttgctt ctactgaaat gataaaaagt aaaaatcata gcgtcctgca aagaacagaa      480
aaaaaagtgt taccttcacc attggaatta tctgtctttt ctgaaggagc agataataag      540
ggaaatgagc ttccatctgc taaattacag gacaagcaat atatctcatc agtggataag      600
gctccatttt cagaaggctc tagaaataaa acacataagc aaggagtagc acagagtcgg      660
ttagaaacct cacatacttc caagtcatca gagccctcca agtcacctga tgggataaga      720
aatgaaagta gagattcaga gatatcaaag agaaaaactg cagagcaaca cagctttgga      780
atctgtaagg aaaagagagc taggatagaa gatgatcagt caaccggaa catatcatct      840
agcagcccac ctgagaaaga acagcctccc agaga                                                    875

```

<210> 2381
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(499)
 <223> similar to gi3638957 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2381

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| atgtgcggtg | gcatttcccg | gctcgccact | gcccttcaca | ggggcattct | gccccagggg | 60 |
| gcttgtctat | gcccctggtg | cctgtctcct | cacctgtgac | agccccagcg | ccaatcactc | 120 |
| ctgccctgca | ggcagtactg | atggctgtgt | ctgtccacca | ggcacggtgc | tgctggacga | 180 |
| gcgctgtgtg | cctcctgacc | tctgtccctg | ccgtcacagt | gggcagtggg | acctgccccaa | 240 |
| cgccaccatc | caggaagact | gcaacgtttg | cgtgtgccgg | ggccggcagt | ggcactgcac | 300 |
| aggccagcgg | cgcagtgggc | ggtgccaggc | atcaagcgcc | ccccactatg | tgacatttga | 360 |
| cggactggcc | ttcacctatc | ctggggcctg | cgagtatctg | ctggtgcgag | aggccagtgg | 420 |
| cctattcaca | gtctctgccc | agaacctgcc | ctgtgggggc | agcgggtctca | cctgcaccaa | 480 |
| agcgctttcc | gtgcggtt | | | | | 497 |

<210> 2382
 <211> 1496
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(1496)
 <223> similar to gi3372657 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2382

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| attcgtcatt | gcaaaaatcca | ctccttagca | cttctaaaag | taccaggaac | tatgcaaaaag | 60 |
| ctagtagaaa | tgtagaagaa | tctgaaaaag | ggtctttgaa | aattgagttt | caagtgcacg | 120 |
| cactagaaga | tgaaagtgat | ggagagacat | ctgacacgga | aaagcatgga | acaaaaattg | 180 |
| gaaccctagg | ttctgcaact | acagaattgt | tatctggcag | cactcgaact | gctgatgaga | 240 |
| aagaggagga | tgaccgcata | ctgaagactt | ctagagagct | atccacttcc | ccatgtaatc | 300 |
| ccatagttcg | ccagaaagaa | tctgaattac | aaatgacatc | tgacagccagt | ccacaccctg | 360 |
| gcttattgct | agacttgaaa | acctctctag | aagatgcaca | ggttgatgac | tctattaaat | 420 |
| ctcatgtatc | ttatgaaaca | gaaggctttg | agagtgcctg | cttgatgaca | gagcttcaaa | 480 |
| aaagtgcacat | cagtcagccc | tccggccctc | tcctgcctga | actaagtaag | cttggctttc | 540 |
| ctgcctcact | tcagagggat | ctaaccgggc | acattagttt | gaagagcaaa | actggagtac | 600 |
| accttctctga | gccaaacctc | aatagtgcgc | gccgcattcg | caatattagc | ggtcaccgaa | 660 |
| agagtgcagac | agagaaggag | tctgggctca | agccaaccct | acggcagatt | ctaaatgcat | 720 |
| ctcggagaaa | tgtcaactgg | gaacaggtca | ttcagcaagt | aaccaagaaa | aagcaagagc | 780 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| tgggcaaagg | cttaccag | tttggcatag | aatgggtacc | ccttggtcaa | aatgaacaag | 840 |
| aagccttaga | tttggatggg | gaacctgatc | tgtccagtct | agaaggattc | cagtgggaag | 900 |
| gtgtttccat | ttcctcgcc | cctggccttg | caagaaagcg | aagcctttct | gagagcagcg | 960 |
| tgatcatgga | cagagctcct | tctgtgtata | gcttcttcag | tgaggaaggt | acaggcaaag | 1020 |
| aaaatgagcc | ccagcagatg | gtttcaccta | gtaactcatt | gagggctgga | cagagccaga | 1080 |
| aagcaaccat | gcacctcaaa | caagaagtga | cacctcgggc | tgctccctc | cgaacagggtg | 1140 |
| aaagggctga | aaatgttgct | acccaaaggc | gacatagtgc | acaattatcc | tctgaccata | 1200 |
| taataccttt | gatgcatttg | gcaaaaagact | tgaacagcca | ggagaggtct | ataccaccgt | 1260 |
| cagagaatca | gaattcccag | gagagtaatg | gagagggaaa | ctgtctgtca | tcaagcgcag | 1320 |
| cctcagccct | tgcatctcc | agtttagcgg | atgcagccac | agatagtagc | tgtacctctg | 1380 |
| gtgtgaaaca | aatgatggc | caaagtatta | gaaagaaacg | aagagccact | ggagatggat | 1440 |
| cttctcctga | actcccaagt | cttgagagaa | aaaataaaa | aaggaaaatt | aaaaaa | 1496 |

<210> 2383

<211> 1808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(697)

<223> similar to gi4378885 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2383

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| tgacagagaag | aagaaaaaac | aagaagaaga | gaaattggcc | cagttaaagg | ccaagagga | 60 |
| ggatcgtcag | aaaagggagg | cagaagaaaa | ggaggcacag | cttgaaagaa | aacgagaaga | 120 |
| gaagagactg | aagaaaatga | aagaacttga | gaagcagaag | agaattaaga | ggaaccagca | 180 |
| gctggaagca | atagccaaag | aacattatga | aagggctctg | ctaaggaaaa | aaggtctaga | 240 |
| gccttggaag | agattgagaa | tgcaaagcaa | acaaaacatc | caggtggcag | aagaacatta | 300 |
| ctctttgttc | ctgcagagga | aatacatgct | gacgtgggtc | cagcgtagtc | aggaaagtct | 360 |
| ggctagaaag | atggcccagg | ctgatcaatt | ttattcccaa | atactgctta | agagagtcac | 420 |
| ccagagctgg | ctacagtacg | tgattgatct | gcaggaagaa | gtaagaaaat | tttgtgtaca | 480 |
| ttttcttcaa | aagaagattt | tcagggcctg | gtttaacatg | gtcagggagg | tgaagatcga | 540 |
| ttctcagggc | aagcatgaga | ttgcagcgga | gcacagtgc | aggaggatcc | tctggatcac | 600 |
| ccttcggaca | tggagaaggt | ttgtaaaatt | tatgaaagag | gaaagagtaa | aagaagaaag | 660 |
| gacagacgaa | cttcgttagga | aggtagtgtg | aattcttcca | gacttccagg | tacctggaag | 720 |
| gtaccacgag | ctatatcagc | aatcagatac | ttggtccttg | agtaagacaa | gtctggtgaa | 780 |
| cgaatgagcc | agatttagtgt | aatatttagg | acaggaagct | cgactagtct | gtatgtgtgt | 840 |
| tatctccacc | cacccacaca | catacatata | tacaactggt | ttattctcta | cgagctactt | 900 |
| cttagatcaa | aggaattatt | ttgagaattt | ttattccctt | ctttgacttt | tcctggattg | 960 |
| ctagtcattc | actatagcat | ttatcacagt | gggatcatcc | aaaggaacat | tctagagatc | 1020 |
| gtctgttcaa | atatatccta | tatatcttta | gcatagtaaa | ctttaaaaag | gacaagtgtt | 1080 |
| tgctgtactg | agcctgtgaa | gaaaatgtgt | cgtatagca | cgacaggagt | tgctgatgtg | 1140 |
| accttaatga | aacagaaata | aacaggggtg | agtgtctgga | aaggaagggc | gggccaaggc | 1200 |
| actcagcctt | ctagtgcagt | agcgtcagtg | acacgcaccc | caccagacct | cgtccacttt | 1260 |
| caccacccct | gaaggcagac | catgtatgaa | aaggttctct | acacagctgc | tgacagggac | 1320 |
| agcagcttat | cctgatttca | gagaaactga | ggcaccagag | atgcttctct | tcctgtcacc | 1380 |
| ttgataagca | tgaaggacat | tccaaaaggt | agtaactcta | tcatgacagt | ccagcaattc | 1440 |
| attaaattat | ctgttcacgc | tcccacctgc | aactgctgaa | taatacactc | agtgtgtctt | 1500 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| ctagtactca | gctcagtttg | atctagatat | tgagatacct | atcttgaatt | caaagaatgt | 1560 |
| cttcatcttt | aagatgctat | aaagactgat | aaaatgctct | cttctatgaa | ttgtgttaga | 1620 |
| gaattacctg | ctagaaaaat | aatttttcat | tataaaatac | acatttatta | tataacaaat | 1680 |
| tcaagtagtc | cataaatgca | tatggtaaaa | tgagaaaagtc | ctgtgcagtc | ctgagatgat | 1740 |
| tactcttatt | tggtgtgctg | aaaatttgag | ttgacaaaa | aaaattctgt | ggttttttaa | 1800 |
| gtgaaaaa | | | | | | 1808 |

<210> 2384

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (423)...(660)

<223> similar to gi4185567 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2384

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| agaaaaacaa | tcattgtgtg | agtcgctgta | actcccttag | ctgcatatta | gccaggaag | 60 |
| aagaacagta | tctacagagt | ggagaccagc | aactgaccgc | acatgtgttg | ctgtgtttac | 120 |
| ttctcatcat | tggcctgttc | gctaattctt | ccagttgttt | atggtggcta | ttcaaccaag | 180 |
| agcctggaag | actttatggt | gagttacagt | ttttctgtgc | cgtgtttaac | tttggtcagg | 240 |
| gatttatttc | ctttggaatc | tttggttag | ataaacattt | aatcatcctg | cctttcaaaa | 300 |
| gaagacttga | attcctatgg | aacaataaag | acacagcaga | aaacagggat | tctcctgttt | 360 |
| cagaggaaat | aaaaatgacc | tgtcaacaat | ttatccatta | tcaccgtgac | ctctgtatcc | 420 |
| gaaacattgt | caaagaaaga | aggtgtgggt | caaagacttc | tgctggaact | ttctgtggct | 480 |
| gtgacctggt | gagctggcta | attgaagtcg | gccttgccctc | cgaccgtggt | gaagctgtga | 540 |
| tatacggaga | caggctggta | caagggggag | tcattccaaca | tattaccaac | gagtatgaat | 600 |
| tccgggatga | gtacttggtt | tacagatttc | ttcaaaagag | tcctgaacag | agtcctcctg | 660 |
| ctattaatgc | aaacactctc | caacaggaaa | gatataaaga | aattgagcat | tcatccccac | 720 |
| cctcacattc | ccctaagacc | taaattatgc | aggggagaac | cctacatgga | atcatattct | 780 |
| agccgcgtat | tcattagttt | ttagctgggt | gaccttgggc | aagttaacag | aggcaacctc | 840 |
| tctgagcctc | agttgtctct | tctgtaaaat | gtgaaaagat | gtgctccac | cacatgcgca | 900 |
| gggtctgtga | ttttacatgt | atgtaaaaca | cataggaagc | tgacttagga | aaaagagaaa | 960 |
| accaaattaa | agttctgata | atgaatataa | tatagtcatc | ctttagtatc | caaggggatt | 1020 |
| ggttcaggga | ctcctgaaga | tcccaaaatc | tgaggatact | caagtccttt | atataaaatg | 1080 |
| gtgtaggccg | gg | | | | | 1092 |

<210> 2385

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(1775)

<223> similar to gi5081610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2385

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|------|
| cccacgcgta | cggccaggtg | ggagtgaaga | ttgtgatgtg | ttggaggcca | cccagcccct | 60 |
| ggaacagggg | ttcctgcagc | agctggagga | gggccccagc | agttctggac | agcatcagcc | 120 |
| acagcaggag | gaggaggaat | caaagccaga | accagagagg | tctggcctca | gttggagcaa | 180 |
| ccgggagaag | gcaaagcagg | cattcaagga | actgctgagg | gacaaggctg | tcccctccaa | 240 |
| tgccctcatg | gaacaggcca | tgaagatggt | ggtcaccgac | ccccgttaca | gtgccttgcc | 300 |
| taaactgagt | gagaaaaagc | aggcattcaa | tgccatacaag | gcgagcggg | agaaggagga | 360 |
| gaaggaggag | gccccggctaa | gggccaaaga | ggccaagcag | accctgcagc | atttcctgga | 420 |
| gcagcatgaa | cgcatgacct | ccaccacccg | ctaccggcgg | gcagaacaga | cctttgggga | 480 |
| gctggagggtc | tgggctgtgg | tccctgagag | ggatcgaaaa | gaggtttatg | atgatgtcct | 540 |
| cttcttcctg | gccaagaagg | agaaggaaca | ggccaagcag | ctccggcgcc | gcaatatcca | 600 |
| ggccctaaag | agcatcctgg | atgggatgag | tagtgtcaac | ttccaaacca | cgtggtccca | 660 |
| ggcccagcag | tacctcatgg | ataaccccag | ccttgctcag | gaccatcagc | tgagaacat | 720 |
| ggacaaggaa | gatgcactga | tctgttttga | ggagcacatc | cgagctttgg | agagggaaga | 780 |
| ggaggaggaa | cgggagcggg | ccgggcttcg | ggagcgacgc | caacaacgca | agaatcgggg | 840 |
| ggccttcacg | accttcctgg | acgagctgca | tgagacaggg | cagctgcact | ctatgtccac | 900 |
| ctggatggag | ctatatccag | cagtcagcac | tgatgtccgc | tttgccaaca | tgctgggcca | 960 |
| gccgggctcc | acccctctgg | acttattcaa | gttctatgtg | gaggagttag | aggcacgatt | 1020 |
| ccatgatgaa | aagaagatca | ttaaggacat | ccttaaggac | cggggcttct | gcgtggaggt | 1080 |
| gaacacggcc | tttgaggact | tcgcccacgt | cataagcttt | gacaagaggg | ctgccgcact | 1140 |
| ggacgcaggc | aacatcaagc | tgaccttcaa | tagtctgctg | gagaaagcag | aggcacggga | 1200 |
| gagggagcgg | gagaaggagg | aggcacgcag | gatgcggcgc | agggaagctg | cctttcgaag | 1260 |
| catgctgagg | caggctgtgc | ctgctctgga | gctaggcact | gcctgggaag | aggctcgtga | 1320 |
| gcgtttttgt | tgtgactcag | cctttgagca | gatcacctcg | gagtcggagc | ggatccggct | 1380 |
| cttccgggag | ttcctacagg | tgctggagac | tgaatgccag | cacctccaca | ccaaaggccg | 1440 |
| aaagcatggc | aggaaaggca | agaagcacca | tcacaagcgt | tccactcac | cctcaggctc | 1500 |
| tgagtcagaa | gaagaggagc | tgccccccacc | atctctccgg | ccccccaagc | ggaggaggcg | 1560 |
| gaaccctca | gagtcaggct | ctgagccctc | ttcctcactt | gattcagttg | aaagtggggg | 1620 |
| tgctgccctt | ggaggacggg | gtcccccttc | ctcccatctt | cttggagcag | atcatggcct | 1680 |
| tcggaaagcc | aagaaaccaa | aaaagaaaac | taagaagaga | agacacaagt | cgaatagtcc | 1740 |
| tgagagttag | acagaccctg | aggagaaaagc | tgg | | | 1775 |

<210> 2386

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1170)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (457)...(774)

<223> similar to gi4539001 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2386
tatgaggata ctctgttcgt aagctccccg tgaattttgt tccacagact cggaagaaaag      60
gttggataag agttcactgg agattgacaa gtactcggga tagtgaaaag ccggagttgg      120
aacatggata gccgcttgca ggagatccgg gagcggcaga agttacggcg acagctcctc      180
gcgcagcagt tgggagctga aagtgccgac agcattggtg ccgtgttaaa tagcaaaagat      240
gagcagagag aaattgctga aacaagagaa acttgcaggg cttcctatga tacctctgct      300
ccaaatgcaa aacgtaagta tctggatgaa ggagagacag atgaagacaa aatggaagaa      360
tataaggatg aactagaaat gcaacaggat gaagaaaatt tgccatatga agaagagatt      420
tacaaagatt ctagtacttt tcttaaggga acacagagct taaatcccca taatgattac      480
tgccaacatt ttgtagacac tggacataga cctcagaatt tcatcaggga ttaggttta      540
gctgacagat ttgaagaata tcctaaactg agggagctca tcaggctaaa ggatgagtta      600
atagctaaat ctaacactcc tcccatgtac ttacaagccg atatagaagc ctttgacatc      660
agagaactaa cacccaaatt tgatgtgatt cttctggaac cccctttaga agaatattac      720
agagaaactg gcatcactgc taatgaaaaa tgctggactt gggatgatgt atgatcaaac      780
tttctacatt gtaatgaatt atttattttc aaatgaatat gtttatttgg tcagaaagtg      840
agataataaa tatcatccct actttttagt ggattataaa ttagatttta tagtgtaaatt      900
tatagctgaa ggtccaaggt acattgacta atattacatt atctttaatt tgagccttct      960
tttcaaggca aaaattgagc agatagcaag tgaataggct gtagaagact taaaattttg     1020
gtcttagagt ccttggtat atagtttaga aagtttaaaa acagatggaa tgattcataa     1080
ttcattctgc atttgattag tttcagtaaa catcagagct tgnntatgta tataaaaaaca     1140
tgattttctac tctttaaaca gcttacagt                                     1169

```

<210> 2387

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (307)...(422)

<223> similar to gi2337883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2387
aatgctcctt tggtagaac aattatatgg ctaaattaat ctcagccacc tagttctaaa      60
tgtagagcaa ggattgcaag ggattattta gacaagttca tcaattaagt aaaattagac     120
atgaaggata taagaatgaa tgataaagca agctaaaaat ggtgaaacaa gggatgtctg     180
attggaagta gaagatattt atttaggttc taggacatta gtatcagtga ggacagtaat     240
ttcctgcttg tttgtatttc agtgatcaca tacacttctt tacctgataa cgtctctctt     300
ctctaggctg gttttggtta cggcttgcca atttctcgtc tgtatgcaa gtactttcaa     360
ggagatctga atctctactc tttatcagga tatggaacag atgctatcat ctacttaaag     420
gtatcccttg aattcaatag caaaatcctg tttctaaaac cattgtctct tttatagccc     480
tgagtgtctat ggtccggag                                     499

```

<210> 2388
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(683)
 <223> similar to gi2879925 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2388

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| ataataacag | cacatcagac | agggcagaga | aattttgtgg | gcaaaaaaag | aggaggcatt | 60 |
| cttttgagca | tgtttctctg | attccccctg | aaacctctac | agtgctaagc | agtcttaaag | 120 |
| aaaaacataa | acacaaatgt | aagcgcagga | atcatgatta | cctcagctat | gacaagatga | 180 |
| aaaggcagaa | acgaaaacgg | aaaaagaaat | atccccagct | tcgaaataga | caggatccag | 240 |
| actttattgc | agagctggag | gaactaataa | gtcgcctaag | tgaaattcgg | atcactcatc | 300 |
| gaagtcatca | ttttatcccc | cgagatcttc | tgccaactat | ctttegaatc | aactttaata | 360 |
| gtttctatac | acatccttct | ttcccccttag | accctttgca | ctacattcga | aaacctgact | 420 |
| taaaaaagaa | aagagggaga | ccccctaaga | tgagggaggc | aatggctgaa | atgcctttta | 480 |
| tgcacagcct | tagttttcct | ctttctagta | ctggattcta | tccatcttat | ggcatgcctt | 540 |
| actctccttc | accccttaca | gctgctccca | taggattagg | ttactatgga | aggtatcctc | 600 |
| ccactcttta | tccacctcct | ccatctcctt | ctttcaccac | gccacttcca | cctccttcct | 660 |
| atatgcatgc | tgggcattta | cttcttcaat | cctggccaaa | ttaccattaa | ggaaaaaggc | 720 |
| ataaggtaac | tttcgacagg | gagggccttt | tctttaacaa | ccagcagggg | ttccccctcct | 780 |
| tttcctggag | tacctaacc | cagtgtttcc | tcctgagatg | gccg | | 824 |

<210> 2389
 <211> 692
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> similar to gi2315731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2389

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| ttttttgtga | ctctatattat | ctttgccctt | tttgaaacca | tcattactcc | attaacaatg | 60 |
| gatatgtatg | cctggactca | agaacaagct | gtgttatata | atggcataat | acttgctgct | 120 |
| cttgggggtg | aagccgttgt | tattttctta | ggagttaagt | tgctttccaa | aaagattggc | 180 |
| gagcgtgcta | ttctactggg | aggactcatc | gttgatggg | ttggcttctt | tatcttgta | 240 |
| ccttggggaa | atcaatttcc | caaaatacag | tgggaagatt | tgcacaataa | ttcaatccct | 300 |
| aataccacat | ttggggaaat | tattattggt | ctttggaagt | ctccaatgga | agatgacaat | 360 |
| gaaagaccaa | ctggttgctc | gattgaacaa | gcctggtgcc | tctacacccc | ggtgattcat | 420 |
| ctggcccagt | tccttacatc | agctgtgcta | ataggattag | gctatccagt | ctgcaatctt | 480 |
| atgtcctata | ctctatattc | aaaaattcta | gggacaaaaa | cctcaggggtg | tatacatggg | 540 |
| gctggttaac | agcatctggg | aagtgggagc | ccggattctt | ggggcctatg | ttcattcagg | 600 |
| ccaagtgtat | ggntcactgg | ggggaccacg | atgggcattc | agcctggtgt | gtggaataat | 660 |
| agtgtccacc | atcacctcc | tgggagtgga | ta | | | 692 |

<210> 2390

<211> 1108

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1109)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (935)...(1110)

<223> similar to gi4589476 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2390

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| gcgcaatccg | ctctctatag | cctcatcccc | tactcttcca | ctttcccctc | tccttcctgg | 60 |
| ctacactgat | atccttgctg | tttgaactcc | ccaggcacac | cttgcttcag | ggcttttggt | 120 |
| gtactgtttc | tgctgcctgg | aatgtgcttc | cctgtaccca | ctggactcac | ttcctcacgt | 180 |
| caatcacgtc | tttgaggagc | tgttttctca | gagaggcctt | tgaccatcct | atcttanatc | 240 |
| attgtatttg | gccaggcgtg | gtggctcacg | cctgtaatcc | caacactttg | ggaggccgag | 300 |
| gcagtggatc | agttgaggcc | aggagtttga | gagcagcctg | gtcaacatgg | tgaaccctg | 360 |
| tctctactaa | aaatataaaa | attagctggg | catggtggtg | tgtgcctata | gtcccagtta | 420 |
| cgcaggaggc | tgaggcatga | gaatcacttg | aacctgggag | gtagagggtg | cagtgaacca | 480 |
| agatgccacc | actgcactcc | agcctgggca | acagagtgag | accatccctc | ccccaccca | 540 |
| aaaaaaaaatg | ctgtatttgc | catcatggca | cgcacattat | ctggcatgct | acactttggt | 600 |
| tgttgtttgt | ctttgctcac | ttgaatgtag | cttgttcact | gctgtatcct | cagtatcttt | 660 |
| aatggggcct | tgcagaaagt | agttcctcaa | atatttggtta | tgtgagtctc | atcttgtcat | 720 |
| ccagggtcaag | agacaatcgg | acactgtctg | aagaaacggg | caaaacaata | tgctgtattt | 780 |
| cagaattata | tcctgaaatt | atattccgaa | aggagttagt | cagcatgtgt | gggtgacatt | 840 |
| agggagtgtt | ttctggaggg | aagggcaggt | gcaggaaggg | taggatgagg | gccagggtgag | 900 |
| gatagggtgg | actcaggcct | tgttctcttc | cgtaggtctt | tactcacctg | gagacctgtg | 960 |
| gccactccg | ccagtgtgtg | tgacaagcag | cttaaactgc | accctggaga | acggcgtgcc | 1020 |
| ttgtgtgatt | caggagtccg | ccccggctca | taatagtttc | attgattgga | gtgcaacatg | 1080 |
| cgaaggccag | ttttccagcg | catactgt | | | | 1108 |

```

<210> 2391
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(632)
<223> similar to gi3878402 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2391
gaacatttaa aatagatatt cccccagttc ttctgggcta cagtaaggag cgaaatatga      60
ttcttgagcg gggttttgat tctgtccgaa gcttaagtga aggctcctac attaccctct      120
ttattaccat tgagccccag ctggttcctg gagagtccat tcgagaaaag tttgagtctc      180
aggaagatga gaaattactt caagcaactg agaagtttca agctgaatgt gccttaaagt      240
ttccaaatcg tcagtgcctt acaacagtaa ttgatataag cggaaaaaact gtttttatca      300
cacgttatct caaaccttta aaccctcctc aggagctcct taatgtctac cccaataatc      360
tacaggcaac tgcagaactg gtggctcgat atgtgtcctt gattcccttc ttgcctgaca      420
ctgtctcatt tggtggtatc tgtgacctct ggagcacatc tgatcaattt cttgatctcc      480
tggcagggga tgaagaagaa catgcagtac tattgtgtaa ttactttctg tctctgggta      540
agaaggcctg gctgttgatg ggcaatgcta ttcctgaggt aagaccacat aggctgcctt      600
taacagagga gtatagttgt ctaatcgagt tgtgtgttcc agatcacaca caggacatat      660
tttcataacg atcctttggg ttgctaggaa agtggccac agatgccgta acgggcagag      720
agaactacca gtgataagac atgaaatggt tttcagtggt cctcagggcc ccatgcaaca      780
cttcagatta ttttttggca aaccggaacc ctttaccatc caaagcccc acctagctct      840
gtccttttag tatgggcctc ttcccagcca tgttcccaag aattcagatt cccttaatga      900
tgtggtagtc ttcatgcttt gcaatgaaga ggatc                                935

```

```

<210> 2392
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(859)
<223> similar to gi3978171 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2392
tgcgaccacc aggatccgac tcagtggggg ccgcagccaa catgaggggc gagtcgaggt      60
gcaaataggg ggacctgggc cccttcgctg gggcctcatc tgtggggatg actgggggac      120

```

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| cctggaggcc | atggtggcct | gtaggcaact | gggtctgggc | tacgccaacc | acggcctgca | 180 |
| ggagacctg | tactgggact | ctgggaatat | aacagagggtg | gtgatgagtg | gagtgcgctg | 240 |
| cacagggact | gagctgtccc | tggatcagtg | tgcccatcat | ggcaccaca | tcacctgcaa | 300 |
| gaggacaggg | acccgcttca | ctgctggagt | catctgttct | gagactgcat | cagatctgtt | 360 |
| gctgcactca | gcactggtgc | aggagaccgc | ctacatcgaa | gaccggcccc | tgcataatgtt | 420 |
| gtactgtgct | gcggaagaga | actgcctggc | cagctcagcc | cgctcagcca | actggcccta | 480 |
| tggtcaccgg | cgtctgctcc | gattctcctc | ccagatccac | aacctgggac | gagctgactt | 540 |
| caggcccaag | gctgggcgcc | actcctgggt | gtggcacgag | tgccatgggc | attaccacag | 600 |
| catggacttc | ttcactcact | atgatatcct | caccccaaat | ggcaccaagg | tggctgaggg | 660 |
| ccacaaagct | agtttctgtc | tcgaagacac | tgagtgtcag | gaggatgtct | ccaagcggtg | 720 |
| tgagtgtgcc | aactttggag | agcaaggcat | cactgtgggt | tgctgggata | tctaccggca | 780 |
| tgacattgac | tgtcagtggg | ttgacatcac | ggatgtgaag | ccaggaaact | acattctgca | 840 |
| tggtgtcatc | aacccaactt | | | | | 860 |

<210> 2393

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(459)

<223> similar to gi571480 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2393

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| cacggcgctcg | ggggaaaaag | ctacggtgga | ggggcataaa | gccgcggtgg | cgagggtcaaa | 60 |
| tagccgcaaa | aagccgcggc | ggcggggggg | aaaagccgca | aaaagcagcg | gcggcggggg | 120 |
| caaaaagccg | cagcggcaaa | aagcctcagc | ggcgggggca | aaaagccacg | cccgggggaa | 180 |
| aaagccgcag | cggcaggggc | aaaaagccac | ggcggcaggg | agcaaaaacc | cgcgggggta | 240 |
| ggcgcaaaaa | gccgcggcgg | ggggttaaaa | agccgcgtca | gcaaaaaccg | cgcgggcggg | 300 |
| cgcaaaaagc | cgcgcggggg | gcaaaaagcc | gcaaaaacc | caaggcggca | aaaagcctcg | 360 |
| gcggcggggg | gtgggggggg | tgcaaaaac | cgcgagagat | ggggcaaaaa | accgcggtgt | 420 |
| cgggggaaaa | agccatggcc | gcggcgggca | aaacc | | | 456 |

<210> 2394

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(648)

<223> similar to gi6002669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2394
cccacgcgtt cgtggacaag tatttgtttc tgaagctctc tatggaccca agttgagcca      60
ccttaacaat gtattgggtg ttgctccatc accctcaagc cagtgtata agccctggga      120
aggtcaactg ggagaatgtg cgcagtggct taagtggact ggcgaggagg ttggtgatgc      180
agctggggaa ataactactg cctctcaaca tggggaaatg gtatttgtga gtggggaagc      240
cgtgtctgct tattcttcag caatgagact gaaaagtgtg tatcgtgctt tgcttctctt      300
aaattcccaa actctgctag ttgttgatca tattgagagg caagaagatt cccaataaaa      360
ttctgtcagt gccttctttc ataatttggg tattgatttt aaatatatcc catataagtt      420
tatgaatagg tataatgggtg ccatgatgga tgtgtgggat gcacattaca aaatgttttg      480
gtttgatcat catggcaata gtcccatggc cagtatacag gaagcagagc aagctgctga      540
atataaaaaa cgatggactc aatttggtta tggtactttt cagatggaat ccacaatcac      600
aagaattgca tatgtctttt atgggccata tatcaatgtc tccagctgca gatttattga      660
tagttccaat cctggacttc ag                                         682

```

```

<210> 2395
<211> 518
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(521)
<223> similar to gi4062983 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2395
cctacaacca gcagagtacc ctggaggagc acaaggagcg gtgccataac tacctacaga      60
gtctcagcac tgaagcccaa gctttggctg gccaaaccagg tgacgaaata cgtgacctgg      120
agatgggtgc agactccatg ctgcactcat cctctgagcg gccaaacttc atcgatcgtc      180
tggccaatag cctcaccaaa cgcaagcgtt ccacacccca gaagtttgta ggcgaaaagc      240
agatgcgctt cagcctctca gacctccctt atgatgtgaa ctcggtgggc tatgaaaagg      300
atgtggagtt ggtggcacac cacagcctag agcctggctt tggaagttcc ctggcctttg      360
tgggtgcaga gcactctgct cccctccgcc ttccaccac caattgcac tcagaactca      420
cgctgtcat cagctctgtc tacaccaga tgcagccctt ccctggtcga ctggagcttc      480
caggatcccg agaagcaggt gagggacctg aggacctg                                         518

```

```

<210> 2396
<211> 491
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (104)...(277)

<223> similar to gi2563999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2396

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| atgggtcgag | tgagtcacat | tgggaacgtg | actccagggt | ggaagatgaa | cccagcctct | 60 |
| ggcctctggc | cccagctctg | acatggcctg | tgtcctccaa | ccccggccag | ggcctgtgag | 120 |
| ggtgactgcc | atccaggggg | acgtgacca | ggcccatgag | gtggcagcag | ctgtggccgg | 180 |
| agcccatgtg | gtcatccaca | cggctgggct | ggtagacgtg | tttggcaggg | ccagtcccaa | 240 |
| gaccatccat | gaggtcaacg | tgcaggggtg | ggagctctgg | acactcctgg | ccatcttgcc | 300 |
| tgtttgttcc | ccactctgtc | tttggccttg | acctccggtg | actcccctgg | gacaagttgt | 360 |
| cctattgaca | gccctgcccc | cgcctcccct | gacctgtcat | ggttttccct | ggacctggga | 420 |
| tggggaggag | gaagatgcag | agaggggaaga | agctgcagct | tggatacgcc | acgaaatcgt | 480 |
| cgacccggga | a | | | | | 491 |

<210> 2397

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(431)

<223> similar to gi3878739 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2397

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tttcgtggga | ggaggaggag | gccccgtcgc | ggttcttcgc | cgtcgccaac | ggggctgtcc | 60 |
| ctgtagctcc | cgatggagtt | tttagggcca | gctatgcaag | aagaggcctt | gaagctgggtg | 120 |
| ttactggcat | tagaagatgg | ttctgccctc | tcaaggaaag | ttctggtact | ttttgttgtg | 180 |
| cagagactag | aaccaagatt | tcctcaggca | tcaaaaacaa | gtattggtca | tgttgtgcaa | 240 |
| ctactgtatc | gagcttcttg | ttttaagggt | accaaaagag | atgaagactc | ttccctaattg | 300 |
| cagctgaagg | aggaatttcg | gagttatgaa | gcattacgca | gagaacatga | tgcccaaatt | 360 |
| gttcatattg | ccatggaagc | aggactccgt | atttcacctg | aacagtggtc | ctctcttttg | 420 |
| tatggtgatt | tggctt | | | | | 436 |

<210> 2398

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(456)

<223> similar to gi2827162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2398

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| tttcgtgcga | gagctctgggc | accgtccccg | agcacgagcg | gatcttgcag | gagatcgaga | 60 |
| gcaccgacac | cgctgtgtg | gggcccaccc | tccggtctgt | gtatgatgac | caaccaaagt | 120 |
| cgacacaaga | gtttatggaa | aagttagatg | cttgtatccg | taatcatgac | aaggaaattg | 180 |
| aaaagatgtg | taattttcat | catcagggtt | ttgtagatgc | tattacagaa | ctccttaaag | 240 |
| taaggactga | tgcggaaaaa | ctgaagggtc | aagttactga | taccaaccga | aggtttcaag | 300 |
| atgctggaaa | agaggtgata | gtccacacag | aagatatcat | tcgatgtaga | attcagcaga | 360 |
| gaaatattac | aactgtagta | gaaaaattgc | agttatgcct | tcctgtgcta | gaaatgtaca | 420 |
| gtaagctgaa | agaacagatg | agtgccaaaa | ggtgagttgg | tttttttcct | a | 471 |

<210> 2399

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(474)

<223> similar to gi3834631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2399

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtctag | aagccggctg | tcggtctccg | tgtcgccgcc | gccgcccggc | atcgtggagc | 60 |
| tggggccccc | ttttgcctgg | gagttttgta | gtcgcctagg | gtcagcggtg | acatcccaaa | 120 |
| gggcaggccc | ggcagccgcc | atggtggcca | aggattaccc | cttctacctc | acggtcaaga | 180 |
| gagcgaactg | cagcctggag | ctacctccgg | ccagcggtcc | ggccaaggac | gctgaggagc | 240 |
| ctagtaataa | acgggtcaaa | ccccctttcc | gagtcacgtc | gctagcaaac | ctcatcccgc | 300 |
| ccgtgaaggc | cacgccatta | aagcgcttca | gtcaaaccct | gcagcgctcc | attagcttcc | 360 |
| gcagtgaagc | ccgccctgac | atcctcgccc | cccgaccctg | gtccagaaat | gccgcccctt | 420 |
| cgagcacgaa | acggagagat | agcaagctgt | ggagtgaagc | cttcgatgtg | tgcg | 474 |

<210> 2400

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(713)

<223> similar to gil665789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2400
cccgggtcga cgatttcgtg cgcaaattggc gttgagatgg ttcagggccc tgttcaaact    60
ccagcactga ccattcaccg gcggaagcgg cggcgcagga ggcggcggcg gcccagcggg    120
ggcacacagc aggtctctgtt accagctcca gcagtggcgg ccaaagcacc cgccaggctc    180
cgaggagaa atgaaactgg ggtcaaaatg acatccagat ttgggaaaac atacagtagg    240
aaagggtggaa atggcagttc aaaattcgat gaagtctttt ccaacaaacg gactaccctt    300
agcacaaaat ggggagagac cacatttatg gctaaattag ggcagaagag gcccaatttc    360
aaaccagata tccaagaaat tccgaagaaa cctaaagtgg aagaagaaag tactggagat    420
ccttttggat ttgatagtga tgatgagtct ctaccagttt cttcaaagaa tttagcccag    480
gttaagtgtt cctcttattc agaatctagt gaagctgctc agttggaaga ggtcacttca    540
gtacttgaag ctaatagcaa aattagtcac gtggtcattg aagacactgt cgtttctgat    600
aaatgcttcc ctttggagga cactttactt gggaaagaaa agagcacaaa ccgaattgta    660
gaagatgatg caagcataag tagctgtaat aaattaataa cttcaggtaa gttttgattt    720
tctttattct ccgccaagag agctttgtgc aacc                                754
```

<210> 2401

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(608)

<223> similar to gi437639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2401
tttcgtgact gtagtcagcc cttagtggat gagagcgcct atgcttcaga aacagcaggc    60
tcccaggatg gacaccccg cccctgaaga acgcttagag aagcaaaatg aaaaactgaa    120
caaccaggaa gaggagacgg agtttaagga actggacggg ctgaggggaag ccttggcaaa    180
cctccgggga ctgtcagagg aggagaggag cgagaaggct atgcttcgct cccgcattga    240
agagcagtcc cagctcatct gcatcctgaa gcggaggtca gatgaggccc tggagcgtg    300
ccagatccta gagctgctca atgcagagct ggaggagaag atgatgcagg aggctgagaa    360
gctcaaggcc cagggtgagt acagtcggaa actagaggaa cgctttatga ccctagcagc    420
caaccacgag ttgatgctcc gcttcaagga tgaatacaag agtgagaaca tcaagctgag    480
ggaggagaat gagaagctga ggctggagaa taacagcctc ttcagccagg ctctgaagga    540
tgaggaggcg aaagtattac agctcacagt ccggtgtgag gccctcactg gggagctaga    600
aacgctgaag gagaggtgtg c                                621
```

<210> 2402

<211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> similar to gi5441615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2402
aagaaacctt taaaatgtaa tgactgtggt aaaaccttta gtcgaagctt ctctcttaaa      60
cttcatcaga acattcatatc gggagagaag ccttttgaat gcagtaattg tagaaaagct      120
ttcagacaga tctcatccat cctacttcat cagagaattc acagtggaaa gaaaagccat      180
gaatgcaata aatgtgggga aagcttcaat caaagaacaa cccttattct acatatgaga      240
attcatgatg gaaaggaaat tcttgactgt ggggaaggcct tgagtcaatg tcagtctttc      300
aatatacatc agaaaattca tgttgttggg aatgtctgcc agtgcagaaa gtgcggaaga      360
gccttcaatc agatgtcatc ccttttactt cataagaaaa ttcacaatgg aaagaaaaca      420
cataaatata ataaatgtgg gagaggcttc aaaaagaâat cagtctttgt tgtacataaa      480
agaattcatg ctggagagaa aatccctgaa aatgcgaagg ccttaagtca gagtctacag      540
caaagaagtc accattttaga gaatcctttt aaatgcagaa aatgtgggaa attatttaat      600
aggatttcac ccctgatgct tcaccagaga attcacactt cagagaaacc gtacaaatgt      660
gataaatgtg acaagttctt caggcggcct tcaaccctta ttctgcatct aagaattcat      720
aatggagaaa aactatacag atgccataaa tgtgagaagg tctgcaatcg gcattcatcc      780
cttattcaac atcagaaagt tcataccaag aaaaagaaac tatttgagtg taaggaaatgt      840
gggaagatgt tttctggaac tgc                                         863
  
```

<210> 2403
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(431)
 <223> similar to gi512485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2403
gtgccgcgtg tgctgcagcc tgggcagctt ctatgccagc gtcaaggact acgagaaagc      60
cctgttcttc ccctgcaagg cggcagagct tgtcaacaac tatggcaaag gctggagcct      120
gaagtaccgg gccatgagcc agtaccacat ggccgtggcc tatcgctgc tgggccgcct      180
gggcagtgcc atggagtgtt gtgaggagtc tatgaagatc gcgctgcagc acggggaccg      240
gccactgcag gcgctctgcc tgctctgctt cgctgacatc caccggagcc gtggggacct      300
gcagacagcc ttccccaggt acgactccgc catgagcatc atgaccgaga tcggaaaccg      360
cctggggcag gtgcaggcgc tgctgggtgt ggccaagtgc tgggtggcca ggaaggcgct      420
ggacaagggt aggtcggggc tttcccacag cctccagccc tcccagcact cccacttg      480
  
```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggccagtagg | ttagccggct | ctttcagcca | ctttgtctga | cgtcagcctc | accctgatcc | 540 |
| tacgaggcca | ggacattcct | ggtcattttc | caggctcaga | gaaggcccat | cacttgccct | 600 |
| aggaccaca | gctagtaaag | ggctggaacc | ctgggtaaac | tgaggcagga | ggtcacttgc | 660 |
| ccacacagcc | cctatgactg | tgccctagtc | tcttctgtgc | gc | | 702 |

<210> 2404

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (261)...(400)

<223> similar to gi3882269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2404

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctgatcgctg | ctgccctgct | ctcctctctc | tctcattcct | ctgcctcctg | gattcctgaa | 60 |
| gtttaggaga | aataaggtag | ccaagggaac | cacatggaag | ttgtgacagc | tcccagcggc | 120 |
| gcgccccctt | cgtgtgtgcc | ggtacctcgg | cttaggagtt | gcccgtgac | accttgaatg | 180 |
| aaggaggtcc | ccttgccagc | cagcctgccg | ggatgggcca | ttgctgctgc | aagccttata | 240 |
| actgccttca | gtgcctggac | aagacgaatg | aaagtgcctt | tgtgaaagaa | aaagagctgt | 300 |
| caatcgaact | tgcaaacatc | agggatgaag | ttgccttcca | tacagcaaag | tgcgagaaac | 360 |
| tacaaaagga | gaaggaggag | ctggagaggc | ggttcgg | | | 397 |

<210> 2405

<211> 1283

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (151)...(1128)

<223> similar to gi5724778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2405

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| aacgagttta | ccgcgcgcaa | gcattcttgaa | ctgacagcca | cgatgcaggt | tgaagaagcc | 60 |
| accggtcagg | ctgcggggcg | tcgtcgggga | aacgtggtgc | gaagggtggt | tgcccgcatc | 120 |
| cggcgctttt | tcagtcgcag | gcggaatgag | cccaccttgc | cccgggagtt | cactcgccgt | 180 |
| gggcgtcgag | gtgcagtgtc | tgtggatagt | ctggctgagc | tggaagacgg | agccctgctg | 240 |
| ctgcagaccc | tgcagctttc | aaaaatttcc | tttccaattg | gccaacgact | tctgggatcc | 300 |
| aaaaggaaga | tgagtctcaa | tccgattgcy | aaacaaatcc | cccaggttgt | tgaggcttgc | 360 |

| | | | | | | |
|------------|------------|-------------|------------|------------|--------------|------|
| tgccaattca | ttgaaaaaca | tggcttaagc | gcagtgggga | ttttaccct | tgaatactcc | 420 |
| gtgcagcgag | tgcgtcagct | cogtgaagaa | tttgatcaag | gtctggatgt | agtgtggat | 480 |
| gacaatcaga | atgtgcatga | tgtggctgca | ctcctcaagg | agtttttccg | tgacatgaag | 540 |
| gattctctgc | tgccagatga | tctgtacatg | tcattcctcc | tgacagcaac | tttaaagccc | 600 |
| caggatcagc | tttctgccct | gcagttgctg | gtctacctga | tgccaccctg | ccacagtgat | 660 |
| accctggagc | gtctgctgaa | ggccctgcat | aaaatcactg | agaactgcga | ggactcaatt | 720 |
| ggcattgatg | gacagttggt | cccaggcaac | cgtatgactt | ccactaactt | ggccttggtg | 780 |
| tttggatctg | ctctcctgaa | aaaaggaaaag | tttggcaaga | gagagtccag | gaaaaacaaaag | 840 |
| ctggggattg | atcactatgt | tgcttctgtc | aatgtggtcc | gtgccatgat | tgataactgg | 900 |
| gatgtcctct | tccaggtgcc | tccccatatt | cagaggcagg | ttgctaagcg | cgtgtggaag | 960 |
| tccagcccgg | aagcacttga | ttttatcaga | cgcaggaact | tgaggaagat | ccagagtgca | 1020 |
| cgcataaaga | tggaagagga | tgcactactt | tctgatccag | tgaaaacctc | tgctgaagcc | 1080 |
| cgggctgctg | tccttgetca | aagcaagcct | tctgatgaag | gttcctctga | ggagccagct | 1140 |
| gtgccttccg | gcactgcccg | ttcccatgac | gatgaggaag | gagcgggtaa | ccctcccatt | 1200 |
| ccggagcaag | accgcccatt | gctccgtgtg | ccccgggaga | aggaggccaa | aactggcgctc | 1260 |
| agctacttct | ttccttagat | gtt | | | | 1283 |

<210> 2406

<211> 914

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(915)

<223> similar to gi3986768 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2406

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cctttctagg | gaccagggaa | ggaaaccttg | gagagcgctc | tcategccct | cgactcggaa | 60 |
| aaacccaaga | agcttctgctt | ccacccaaag | cagctgtact | tctccgccag | gcaaggggag | 120 |
| cttcagaagg | tgctctcat | gctggtggac | ggaattgacc | ccaacttcaa | aatggagcac | 180 |
| cagaataagc | gctctccact | gcacgccgcg | gcagaggctg | gacacgtgga | catctgccac | 240 |
| atgctgggtc | aggcgggcgc | taatattgac | acctgctcag | aagaccagag | gaccccgttg | 300 |
| atggaagcag | ccgaaaacaa | ccatctggaa | gcagtgaagt | acctcatcaa | ggctggggcc | 360 |
| ctggtggatc | ccaaggacgc | agagggctct | acgtgtttgc | acctggctgc | caagaaaggc | 420 |
| cactacgaag | tgggtccagta | cctgctttca | aatggacaga | tggacgtcaa | ctgtcaggat | 480 |
| gacggaggct | ggacacccat | gatctgggcc | acagagtaca | agcacgtgga | cctcgtgaag | 540 |
| ctgctgctgt | ccaagggctc | tgacatcaac | atccgagaca | acgaggagaa | catttgcttg | 600 |
| cactgggcgg | cgttctccgg | ctgcgtggac | atagccgaga | tcctgctggc | tgccaagtgc | 660 |
| gacctccacg | ccgtgaacat | ccacggagac | tcgccactgc | acattgccgc | ccgggagaac | 720 |
| cgctacgact | gtgtcgtcct | ctttctttct | cgggattcag | atgtcccctt | aaagaacaag | 780 |
| gaaggagaga | cgcccctgca | gtgtgcgagc | ctcaactctc | aggtgtggag | cgctctgcag | 840 |
| atgagcaagg | ctctgcagga | ctcggcccc | gacaggccca | gccccgtgga | gaggatagtg | 900 |
| agcagggaca | tcgc | | | | | 914 |

<210> 2407
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(444)
 <223> similar to gil065457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2407

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| aagggatctt | gctattggcc | tccggctgaa | attgggggat | tggttttagag | tactccagct | 60 |
| gctgaaaact | ggatctggtg | atgcagatga | cagtctcctg | gaacaagcca | acaatgccat | 120 |
| tggagactac | tttgctgata | gacaaaagtg | gttgaatgct | gtacaatatt | atgtacaagg | 180 |
| acggaaccag | gaacgcttag | ctgaatgtta | ctatatgtta | gaggattatg | agggggttaga | 240 |
| gaaccttgcc | atttcacttc | cagaaaacca | caagttactt | ccagaaatag | cacaaatggt | 300 |
| tgtcagagtt | ggaatgtgtg | aacaagcagt | gactgcattt | ttgaaatgta | gtcaaccaaaa | 360 |
| ggcagcagta | gatacctgcg | tacatctcaa | ccaatggaac | aaagctgttg | aattgggctaa | 420 |
| aaatcatagt | atgaaagaaa | ttggatctct | gtagctagg | tatgcatctc | atttactgga | 480 |
| aaag | | | | | | 484 |

<210> 2408
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (143)...(469)
 <223> similar to gi930123 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2408

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cacccctctg | agctcccgtc | cctggctctg | tagctgagag | aagccctggc | aggtcagtgg | 60 |
| caggcactgt | cacgctgagt | cctatgctgg | cagcggggaa | ccttggggag | aacacgggac | 120 |
| accgcggaag | ccgggaaatg | gaatgaaatg | ggaagacaca | aacattgaag | atcagcacag | 180 |
| aaatcccagg | aggagcctaa | gatgtcatat | catagagaga | tttagtgaaa | gtcgccagcc | 240 |
| agatagtact | gtgaatgaaa | aacctcctgg | agtagatcca | tgtaaaagca | gtgtgtgtgg | 300 |
| agaaatcatg | ggttggttcat | tccttaattg | ctatatcaca | tttgatgctg | gacacaaacc | 360 |
| agatgagtgt | caggaatatg | gagagaagcc | acatacacat | aaacaatgtg | ggacagcctt | 420 |
| caattatcac | cactcctttc | aaacacagga | aagacctcac | actggaa | | 467 |

<210> 2409
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(176)
 <223> similar to gi181123 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2409

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| agatccgggt | gcgagccacg | cgtccgtgca | ggtgcaggta | ctgaaagagc | aactttttgc | 60 |
| tgggcgtatg | ccttcaccct | tccgctcctg | cgcactcatg | ggaatgtgtg | gcagtagaag | 120 |
| cgctgataac | ttgtcatgcc | cttctccatt | gaatgtaatg | gaaccagtaa | gcttcctttcc | 180 |
| tcttaaatca | ctggggaagg | gaatgataca | acatttcaga | cacatagttt | ccctagttta | 240 |
| gatgaaatat | atgtttat | ttaaatacata | atttgataaa | ttattgttga | ttggaagtga | 300 |
| ctttcacctt | tgaaagtcca | ttgctgtctg | aagccactag | aaagccacct | gaattgcaat | 360 |
| agtgatttat | ctttctgact | aaaggaggta | atgcaccata | aaaacatgta | cagt | 414 |

<210> 2410
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(359)
 <223> similar to gi2651302 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2410

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttaatcctga | ctgggagaag | aaagtaattg | agtattttta | ggaaaagctg | aaggaaaata | 60 |
| atgctcctaa | gtgggtacca | tactgaacg | aagttcccct | tcattatttg | aaacctaata | 120 |
| gttttgtgaa | atttcgttgc | atgattcagg | atatgtttga | ccctgagttt | tacatgggag | 180 |
| tttatgaaac | ggttaaccaa | aacacaaaag | cacatgttct | tcatttttga | aaatatagag | 240 |
| atgtagcaga | gtgtgggcct | caacaagaac | ttgattttaa | ctctccacga | aataccactt | 300 |
| tggaagaca | gactttctat | tgtgttcggg | tgccctggga | atctacgtgg | gtaaaagaag | 360 |
| cctatgttaa | tgcaaaccaa | gctcgagtca | gtccctcaac | atctacactc | ctagtgcgc | 419 |

<210> 2411
 <211> 741
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(578)

<223> similar to gi5919219 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2411

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| atgctgctgg | cttaaagaaa | gaatgaaata | tgaatagaca | aaaacaaaga | agggcgtaaa | 60 |
| agaaaaggcg | acagatcagt | cagtgaagc | atttgctgaa | cactgtcctg | agcttcaata | 120 |
| tgtaggcttc | atgggttggt | cagtcacttc | taaaggagtt | attcacctaa | ccaagctaag | 180 |
| aaacctttcc | agcttgacc | tacgtcatat | cactgaactg | gataatgaaa | ccgcgatgga | 240 |
| aattgtcaag | aggtgcaaaa | atcttatctc | tctcaatctc | tgtctgaact | ggatcataaa | 300 |
| tgacaggtgt | gtggagggtca | ttgcaaagga | aggacaaaac | ctgaaagagc | tatatttggt | 360 |
| gtcctgtaaa | atcacagatt | atgcactgat | agccattggg | cgatacagca | tgacaataga | 420 |
| gactgtggat | gtcggatggt | gtaaagaaat | cacagaccaa | ggagccaccc | tgattgcaca | 480 |
| gagcagcaag | tctctgagat | atttggggct | gatgagatgt | gataaagtca | acgaagtgcac | 540 |
| ggtggaacag | ctggtgcagc | agtaccccc | catcaccttc | agcaccgtcc | tgcaggactg | 600 |
| caagaggacc | ttggagagag | cctatcagat | gggctggacc | cccaacatgt | ctgccgcctc | 660 |
| ctctagcgc | tctgcctcg | cctagtccac | tgggatcatt | cagcagagca | gaggagaatt | 720 |
| gtacatttgg | ggagctgac | t | | | | 741 |

<210> 2412

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> similar to gi3540177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2412

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| aaagttttta | gtcatagcta | tcaacttact | ctgcatcaga | gatttcatac | tggtgagaaa | 60 |
| ccctatgaat | gtcaagaatg | tggaagacc | tttactcttt | accacaact | taatcgacat | 120 |
| cagaaaattc | acactggtaa | aaaaccctat | atgtgtaaga | aatgtgataa | gggttttttt | 180 |
| agtagattag | aacttactca | acataaaaaga | attcactactg | gtaagaaatc | ttatgaatgt | 240 |
| aaagaatgtg | gaaaagtfff | tcaacttatt | ttctacttta | aagaacatga | gagaattcat | 300 |
| acaggtaaga | aaccctatga | atgtaaggag | tgtgggaaag | cttttagtgt | atgcggacaa | 360 |
| cttaccgcgc | atcagaaaat | tcatactggt | gtaaaaccct | acgaatgtaa | ggaatgtgga | 420 |
| aagaccttta | gacttagttt | ttaccttact | gaacacagaa | gaactcatgc | g | 471 |

<210> 2413
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (106)...(396)
 <223> similar to gi687208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2413

| | |
|---|-----|
| ctcatattta aatttagatg tgccatagaa gttttgaagt tttgttaatg ctccttttat | 60 |
| tgagactgaa tctggtcaaa cagtatacca aaatgataac aaccctcac caaggttttc | 120 |
| cagttgtatg aaaccaagaa ctcccgccac tccaccatga tcgtgggctg cacgggcagc | 180 |
| ggcaagactg cctcatggcg cattctacag gcctccctgt cctctctgtg ccgcgccgga | 240 |
| gaccctaact tcaacattgt tagagagttc cttttgaacc ccaaggcatt gtccctaggg | 300 |
| gaactgtatg gggaatatga cctcagcacc aatgaatgga cagatggcat cttgtccagt | 360 |
| gtcatgcgga cggcattgtc agatgagaaa cccga | 395 |

<210> 2414
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(762)
 <223> similar to gi3127182 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2414

| | |
|---|-----|
| ctctgcctg agaagccttg atataaggtg tattcgcagc tttaatgggt gtagagttac | 60 |
| tgatgaaatt ttgcatttag tgccaaataa agaaactttt agactcacc taagagctgt | 120 |
| caaattatgg gcaaaacgac gtggtattta ttccaacatg ctaggattcc ttggtggtgt | 180 |
| ctcctgggca atgctagttg caagaacttg ccaattgtat ccaaatgcag cagcatctac | 240 |
| tttagttcat aagttctttt tagttttttc caagtgggaa tggccaaatc ctgtgctgct | 300 |
| gaagcaacca gaagaaagca atttgaattt gcctgtctgg gatcctcggg taaatccatc | 360 |
| agataggtat catctcatgc ccataatcac ccctgcctac ccacaacaga attctacgta | 420 |
| taatgtgtcc acatcaactc gaacagtaat ggtagaagaa tttaaacaag gtcttgagc | 480 |
| cacagatgaa attcttcaag gaaagtcaga ttggtccaaa ctacttgagc caccgaattt | 540 |
| ctttcaaaag tatagacatt atatagtatt gactgccagc gcatcaacag aagaaaacca | 600 |
| tctagagtgg gttggattag tagaatctaa aatccgtgta cttgttgga acttggaacg | 660 |
| gaatgaattt attactcttg cccatgtgaa tccccagtc ttcccagga ataaggaaca | 720 |
| tcataaagac aacaattacg tatcaatgtg gtccttgga tatttt | 766 |

<210> 2415
 <211> 1518
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1519)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (108)...(1188)
 <223> similar to gi5911290 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2415

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| cttctggacc | taggactttg | aacatgtcgc | gcctgaagcg | gatagcgggg | caggatctcc | 60 |
| gcgctggttt | caaagcaggt | ggaagagact | gcggtacctc | ggtaccccaa | gggctgttga | 120 |
| aggcagcgag | gaagagcggc | cagttaaacc | tgtcgggtag | aaacctcagt | gaagtgccgc | 180 |
| agtgtgtctg | gagaataaat | gtggatatcc | ctgaggaagc | taatcagaat | ctttcgtttg | 240 |
| gtgctactga | aagatggtgg | gagcagacag | atttgaccaa | actaataata | tcaaacaata | 300 |
| aacttcagtc | acttacagat | gacctgcgac | tcttgccctgc | actgactgtt | cttgatatac | 360 |
| atgataatca | gttgacatcc | cttccttctg | ctataagaga | gctagaaaat | cttcagaaac | 420 |
| ttaatgtcag | ccataataaa | ctgaaaatac | tccctgaaga | aattacaaac | ctaagaaacc | 480 |
| tgaagtgcct | gtatctccag | cataatgaat | taacctgcat | atcagaggga | tttgaacaac | 540 |
| tttccaattt | agaagattta | gatctttcaa | acaatcatct | tacaactntt | cctgctagat | 600 |
| tatcttctct | gtccagtctg | gtgcgactca | atctttctag | taatgaactg | aagagtttgc | 660 |
| cagcagaaat | aaatagaatg | aaaaggttga | agcattttgga | ttgtaattca | aatctcttgg | 720 |
| aaactatacc | tcctgaattg | gctggcatgg | aatcactaga | attgctttat | ttgcggagga | 780 |
| ataaattacg | ttttctacca | gaatttcctt | cttgtagtct | attgaaggaa | ttgcacgtag | 840 |
| gtgaaaacca | gattgaaatg | ttagaggcag | aacatcttaa | acatctgaat | tcaattcttg | 900 |
| tgctagacct | gagggataac | aagttaaaat | ctgttccaga | tgaattata | ctactacggt | 960 |
| ccttggaag | gcttgacctt | agcaacaatg | atattagtag | tcttccttat | tcattgggga | 1020 |
| accttcattt | gaaatttttg | gcattagaag | gaaatccttt | gagaacaatt | cgaagagaaa | 1080 |
| ttataagtaa | aggaacacaa | gaagtcctaa | aatatctacg | aagcaagatc | aaagatgatg | 1140 |
| gacctagcca | aagtgagtct | gctactgaga | ctgccatgac | actaccaagt | gaatccagag | 1200 |
| tcaatataca | tgccatcatt | acattaaaaa | tattagacta | taggtatgta | atttattatt | 1260 |
| atTTTTattt | ttatagagat | agggtcttac | tgtgttgccc | aggctggtct | tgagcttctt | 1320 |
| gggctcaagc | cactctcctg | ctttggcctc | tcaaagtgct | aggattatag | gcttgagcta | 1380 |
| ccatgcttgg | cctaatttat | ttttttttta | aacattacca | aacacatagg | aaacttttca | 1440 |
| gaaagaaacc | cttcagtaaa | aaggacaatt | gatgaggaaa | aattcatcag | agtacttgac | 1500 |
| ttagagtaat | aataattg | | | | | 1518 |

<210> 2416
 <211> 376

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(378)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2416
tggacagatc agatcatcca gacaaaatta acgaagaaac atcaaactta atctgcactg 60
tagaccaaat ggatttaata gatatttcta gaacatttca tctgatggct gcagaattta 120
cattgttctc tttagcacat ggatcgctct caaggttaga ccatatgtta ggccacaaaa 180
taagtcatta aaaattgaaa ccttgatact agaagcagac accgacacgt caaagaaaga 240
atactacagg ccaatgtctc tgatgaatat tgatgcagat atcctcaaca aaatactagc 300
aaaccagatt cagcaatacg ttataaagat cgttcattgt gatgaagtgg ggtttatccc 360
tggggtacaa ggatgg 376

<210> 2417
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (394)...(2)
<223> similar to gi1049301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2417
cgectgttcc ctcagagcca ctttttcctt tgtgttgtct ggtcgttcac tactttgagg 60
gaaaagaatt ttgccgttcg cgttcgattg actccgtccc caagatcctg tagccccacg 120
gacctggcga ctccaccgtg ttccgggtctt tctaggaacc caatctgcct tcatgaagaa 180
aagacagagg cagaaaggaa gatggcttac tgcctgacaa attgttatca gtactccgtg 240
acctttgagg atacagctgt ggacttcacc caggaggagt ggattttact ggacccagtt 300
cagagaaact tatacagaga tgtgatgctg gagaattatg agaacgtggc caaagtagga 360
tttcagctct ttaaaccag tgatcatctt tggg 394

<210> 2418
<211> 473
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(359)
 <223> similar to gi213020 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2418
 aacgggaaat ggcggaaccg ggcggcgcgcg cgggccggta agccggggccg agggggcagcg 60
 ggtcttgag tccgagggc gcgtctctcg ttcaccgctc caggtcccat ccggaagatg 120
 gatcggttc tgagggagag aaggaaggga ataatgaaag ccacatggtg tcaccaccag 180
 agaaggatga tggccagaaa ggtgaagaag ctgtcggtag cacagagcat cctgaggaag 240
 tcacaacca agcggaagct gcaattgaag agggggaggt cgagacagaa ggggaagcac 300
 cagtggagg ggaagaggag gctgtgtcct atggagatgc tgaaagcgaa gaggaatatt 360
 actatacaga aacttcattc ccggaagggc aaatcagtcg tgcagatacg acttaccctg 420
 atttcagtc tcctcaggaa ctgcctggag aggaggcata cgatagtgtt agc 473

<210> 2419
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(643)
 <223> similar to gi3628757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2419
 cccatgggct gtgttacata gagacagcag aacttgatgg cgagaccaac atgaaagtac 60
 gtcaggcgat tccagtcacc tcagaattgg gagacatcag taagcttgcc aagtttgacg 120
 gtgaagtgat ctgtgaacct cccaacaaca aactggacaa attcagcgga accctctact 180
 ggaaggaaaa taagttccct ctgagcaacc agaactgct gctgcggggc tgtgtgctgc 240
 gaaacaccga gtggtgcttc gggctgggtc tctttgcagg tcccgaact aagctgatgc 300
 aaaacagcgg cagaacaaaag ttcaaaaagaa cgagtatcga tcgcctaatt aataccctgg 360
 tgctctggat ttttgattc ctggtttgca tgggggtgat cctggccatt ggcaatgcca 420
 tctgggagca cgagggtggg atgcgtttcc aggtctacct gccgtgggat gaggcagtgg 480
 acagtgcctt cttctctggc ttcctctcct tctggtccta catcatcatc ctcaacaccg 540
 ttgtgcccac ttcactctat gtcaggatag tgccttctct gacctggggt ctctccaggg 600
 agtcaggcgg tcccatagaa cttttctttt ctatgaagat gaagtccttg agaagtaacg 660
 agaagtcctc ttcttctgt actgtaaaca tttgatgtta tctgtttatc tttgtgggca 720
 gagcaaaact tttaccacag tttcctggta cttgggactg tattagagaa aaaaaaaaaa 780
 aagg 784

<210> 2420
 <211> 1164
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(1018)
 <223> similar to gi3874927 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2420

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| agcaagtctg | aagttttaca | ggaatctatt | agaaaacaaa | gtgtcaatta | tttcaagaat | 60 |
| taccatagaa | cacggctcga | tgaactgaga | atgttcttag | agaatgagac | ttgggaactt | 120 |
| tgctctgta | agtcaaattt | cagcatcttg | caacttcatg | aatttaaatt | catggaacag | 180 |
| tctcgtcccc | catcagtttc | acctagtaaa | cagccagtct | caacttcttc | aaaaacagtg | 240 |
| accttgtttg | agcagtactg | tagtgggtggg | aatccatttg | aaattcaggc | caaccacaaa | 300 |
| gatgaagaaa | cagaagatgt | cttagcttct | aatgggtatg | aatctgatga | acaagaaaaa | 360 |
| agtgcctatc | aagagtatga | cagtgcacgt | gatgttcctg | aggaactcaa | acgagactat | 420 |
| gtggatgagc | agacaggaga | tggtcctgtg | aaaagtgttt | ctcgggaaac | tctaaaaaagc | 480 |
| aggaagaaat | cagattacag | tctaaataaa | gtgaatgcac | ctatcttaac | aaatacaaca | 540 |
| ttgaacgtca | taagacttgt | tggaaaatat | atgcagatga | tgaacattct | taagccaatt | 600 |
| gcctttgatg | ttattcattt | catgtctcaa | ctatttgatt | attacttgta | tgcaatatat | 660 |
| accttttttg | gtcggaatga | ttcattggaa | tcaactggac | tcggccttag | tagtagtaga | 720 |
| ctaagaacaa | ctctaaacag | aatacaagaa | agccttattg | atctagaagt | ttcagctgat | 780 |
| cctactgcc | cactcacagc | agcagaagaa | agaaaggaga | aggtgccaa | tccacacctc | 840 |
| agtcacctag | tggttttgac | atctggggat | acgttgatg | ggttggcaga | aagagtggta | 900 |
| gccacggaat | ccttggtatt | cttggctgaa | cagtttgagt | tccttcagcc | acatctggat | 960 |
| gctgtgatgc | ctgcagtcaa | aaagcccttt | cttcagcagt | tctattctca | gacagtctca | 1020 |
| accgccagtg | gaactacgga | aaccaattta | ctgggattgt | aggctgggta | aagccctttg | 1080 |
| attatggaac | agatggcctg | cttctgcatg | ggctaattgt | ggaaatgggg | atggtaaaa | 1140 |
| gaattattgt | tcacagcaca | acat | | | | 1164 |

<210> 2421
 <211> 681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (410)...(527)
 <223> similar to gi4416404 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2421

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| attatttagc | tttcaacatt | tattctttat | tttgttcccc | caaacctacc | tgtctctctc | 60 |
| tctctctttt | ctttggttcc | ctaattta | gttaccaaca | actcatggat | attaatttca | 120 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| attagtttga | atgctatgtg | atactctggt | ctttgagaga | aggcctacat | aagtcaagcc | 180 |
| actcctgccg | gcagcctggc | agctgtgttt | tactgatgtc | ttttagagac | agacatcctg | 240 |
| tgtgtgacta | aatgtccaaa | ggggatctat | agttaactct | atttttaaaa | gttactgagg | 300 |
| tacttcatca | taaaaacaac | aataaaaaata | cttcttttag | gctgtttttt | taggttaagt | 360 |
| ctacctaaaa | aatgatgggt | ccaggttgat | ttgtttgttg | gttttgtgca | cacagatatt | 420 |
| gtacaaagag | aacttgagca | aggggactcc | cctacctgtc | actcctgaga | tggagcgagt | 480 |
| caaactcaat | caagaaaact | ttagctcggg | atttgggaga | aagctcttta | actccatatt | 540 |
| aaaaataaat | aatttctaca | aaacagaaca | tctcactgtt | catcccttta | taataatcaa | 600 |
| tttaacaaaa | tcttttttta | atcacatcaa | ctgaatcctt | ctgtttttcca | gatctcctac | 660 |
| tcaccatttg | attctaacaa | a | | | | 681 |

<210> 2422

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> similar to gi37195 in the genepept database release 114,
Run with FASTXY 3:3t00, default parameters

<400> 2422

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtatatgtgc | tattgagtgg | tatcaaccca | ttcctgggtg | aaactaacca | acagatcatt | 60 |
| gagaatatca | tgaatgctga | atatactttc | gatgaggaag | cattcaaaga | gattagcatt | 120 |
| gaagccatgg | attttgatga | ccggttggtt | gtgaaagaga | ggaaatctcg | catgacagca | 180 |
| tcggaggctc | tccagcaccc | atggttgaag | cataagatag | aaagagtcag | tactaaaggt | 240 |
| atcagaacat | taaaacaccg | gcgttattac | cacaccctga | tcaagaaaga | cctcaacatg | 300 |
| gttggtgcag | cagcccggat | ctcctgtggt | ggtgcaattc | gatctcagaa | gggagtgagt | 360 |
| gttgctaaag | ttaaagtggc | atccattgaa | attggcccag | tttctgggca | gataatgcat | 420 |
| gcagttggtg | aagaaggagg | acatgtcaaa | tatgtatgca | aaattgaaaa | ttatgatcag | 480 |
| tctacccaag | tgacttggtt | ctttggcgct | cgacagctgg | agaacagtga | gaaatacgaa | 540 |
| atcacctacg | aagatggagt | ggccatcctc | tatgtcaaag | acattaccaa | attagatgat | 600 |
| ggtgcctaca | gatgcaaagt | agtcaatgac | tatggtgaag | acagttctta | tgcagagcta | 660 |
| tttgttaaag | gtgtgagaga | agtctatgac | tattactgcc | gtagaacat | gaagaaaatt | 720 |
| aagcgcagaa | cagacacaat | gagactcctg | gaaagg | | | 756 |

<210> 2423

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(424)

<223> similar to gi1212992 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2423
accaagtgca acaagaaaac attaacggat ctgcgggtca gggtaactgg tcttaccgaa    60
ggccattcct atgaattcag agttgctgct gaaaatgcag ctggtgtggg agaacctagt    120
gagccatctg ttttctaccg tgcgtgtgat gccttgatc caccagggtcc cccaagcaat    180
ccaaaagtga cggacacttc cagatcttct gtctccctgg catggagtaa gccaatttat    240
gatggtggcg cacctgttaa aggctatggt gtagagggtca aagaagctgc tgcggatgaa    300
tggacaacct gcactccacc aacaggatta caaggaaagc agttcacagt gaccaagctt    360
aaagaaaaca ctgaatataa cttccgtatt tgtgccatca attctgaagg tgtaggtgaa    420
cct                                              423

```

```

<210> 2424
<211> 516
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(519)
<223> similar to gi1017427 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2424
caccagctaa agtgactgaa ttcagaaaaa gagtgggttaa agaagaaaaa gtatcaattg    60
aagctccaaa aagagaacct caaccatca aagaagtaac tataatggaa gagaaagaaa    120
gggcttatac cctagaagaa gaagctgttt cagtacaacg ggaagaagaa tatgaggaat    180
atgaagaata tgattataaa gaatttgagg agtatgaacc aacagaagaa tatgaccaat    240
atgaagaata cgaggagcgg gagtatgaac gatatgaaga gcatgaagaa tacatcacag    300
aaccagagaa gcctatccct gtaaagcctg tcccagaaga accagttccc acaaaaccaa    360
aggccccacc ggctaaagtg ctgaagaaag ctgtccctga agaaaaagta ccagtgccca    420
ttcctaagaa actcaaacct ccaccacca aagtgcctga agaaccaaag aaagtttttg    480
aggaaaaaat acatatttca attaccaaaa aaaaaa    516

```

```

<210> 2425
<211> 1272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (210)...(495)
<223> similar to gi3372657 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 2425
ctgaaaggcc ttctctgcct ttgcttatct tgcagtcttc atagtgaaga tgggtattga      60
aaattgtagt agcctgatag gggaactaag atttaagga tctacttttg gtttaatcta      120
cggactactg tattgcataa tagatctgat tcttgagtat cttttcagac tctagcagac      180
atgtatctga aacctattct tgttttccag aaatatcttc agagccagga gatgatgatg      240
aaccacacaga aggaagcttt gagggacacc aagctttcgt aaatgcaatt cagatatttg      300
ggaacttgct atatacctgt tcagcagata aaactgttcg gggttataat ctggtgagtc      360
ggaaatgtat tgggtgtcttt gagggtcata cctccaaagt taactgcctc ctggttactc      420
agacctccgg gaagaatgct gccctttaca ccgggtccag tgaccatacc atccgctgct      480
ataatgttaa ggtaggtggg tccagagaaa tccaaagtgg ttcattattga gtcgcctttg      540
tatttactgt gtggagtggg gacactgtgg cagacgcttc attctacca ccatctcctt      600
tttgcttcta aacaatgttt agcacattgt tgtagcccta ggtagatatg agacttacac      660
ataaaccata ttttctgtct ctctccacca gtattttttc acttcctact attaataata      720
taccttcctt ggtcttttggc ataaatgtta tgcatatcat atgtcaaac taatcctaga      780
tagaataaag agaaaaatgt aggccgggct cagtggctca cgcctgtaat cccagcactt      840
tgggaggccg aggtgggtgg atcacctgag gtcgggagtt tgagaccagc ctgaccaaca      900
tgagaaaacc ctgtctctac taaaaataca aaattagccg ggcatggtgg cgggcgcctg      960
taatccagc tactagggag gctgaggcag gagaatcgct tgaacccggg aggcggaggt     1020
tgaggtgagc tgagatcgcg ccattgcact ctagcctggg caccaagagc gaaactccgt     1080
ctcaaaaaaa taaataaata aataaaaaata aaaataaaaa taacgaagcg ttactccaga     1140
ccattcccag gatgcctcat gcacattagg ggtgccacca tccagttctg gtggttggtg     1200
ggaacgggaa tgtgtgtgta aagaggtctg gccccacttg ggcagggaat gtagtaggaa     1260
ggagctgtcc tt                                     1272

```

```

<210> 2426
<211> 652
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(654)
<223> similar to gil1212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2426
cggacgcgtg ggaggatgtg aatatgaata tctgtgtttat gcagaaaatg ctgctggcct      60
aagtcttcca agtgaaacct ctcccttaat tagggcagaa gatccagtgt tcctaccatc     120
tcctccatcc aaacccaaaa ttgtggactc aggcaagaca actataacta ttgcctgggt     180
taagccgctg tttgatggtg gggccccgat aactggatat actgtagaat acaaaaaatc     240
tgatgacact gactggaaaa ctctocattca gagcttacga gggacagaat atacaataag     300
cggactaaca acaggagctg aatatgtttt cagagtaaaa tctgtcaata aggttggtgc     360
tagtgacccc agtgatagct ctgacctca gatagcaaag gaaagagaag aagaaccttt     420
atgtgatatt gacagcgaaa tgaggaagac cttgattgtc aaggctgggt cctcatttac     480
catgactgtg cctttccgag gaagaccagt acccaatgtc ttgtggagta agccagacac     540

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgacctccgt | actagagctt | atgttgatac | cacagactct | cgtacatcac | tgaccattga | 600 |
| aatgccaac | agaaatgact | ctggaaagta | cacattaaca | attcagaatg | tt | 652 |

<210> 2427
 <211> 1747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(1748)
 <223> similar to gil017427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|------|
| <400> 2427 | | | | | | |
| ggaattcccg | ggtcgacgat | ttcgtatgaa | gaccttgaaa | cttcagcaga | actcagaatc | 60 |
| gaagctgaac | caattcagtt | tacaaagcgc | atacagaaca | tcgtgggtgag | tgagcatcag | 120 |
| tctgccacct | ttgagtgtga | agtgtccttt | gatgatgcc | ttgtaacatg | gtacaaagga | 180 |
| ccaacagAAC | tgacagagag | ccagaaatac | aacttcagga | atgatggccg | ctgccattat | 240 |
| atgaccatcc | acaatgtgac | cccagacgat | gaagggtgtct | actcgggtcat | cgctcggctg | 300 |
| gagccaagag | gtgaagcaag | aagcacggca | gagctgtacc | taacgacgaa | agaaatcaaa | 360 |
| cttgagctga | agcctcctga | tattcctgac | tccagagttc | caatcccaac | catgcctatc | 420 |
| agagcagtgC | caccagaaga | aatccctcct | gtggttgctc | ctcctatccc | ccttttgcta | 480 |
| ccaacacccg | aagaaaagaa | accaccacca | aaacgtattg | aagttaccaa | aaaggctgtg | 540 |
| aagaaagatg | ccaaaaaagt | tgttgcaaag | cccaaagaga | tgacaccacg | tgaagagatt | 600 |
| gtcaagaagc | ctccacctcc | tactacctta | attccagcaa | aagctcctga | aatcattgat | 660 |
| gtatcctcta | aagctgaaga | agtaaaaata | atgactataa | ccagaaagaa | agaggttcag | 720 |
| aaagaaaaag | aagctgtgta | tgagaaaaag | caagcagtcC | acaaggagaa | gagagtcttc | 780 |
| attgaatctt | tcgaagaacc | ttatgacgaa | ctggaggtag | aaccatacac | agagccattt | 840 |
| gaacaacctt | attatgaaga | accagatgaa | gactatgaag | agattaaggt | agaagctaaa | 900 |
| aaagaagttc | acgaggaatg | ggaagaagat | tttgaagaag | ggcaagaata | ctatgaaagg | 960 |
| gaagaaggct | atgacgaagg | ggaggaagag | tgggaagagg | cttaccaaga | aagggaagta | 1020 |
| attcaagttc | aaaaggaggt | ctatgaagaa | tcacatgaga | gaaaagttcc | agccaaagta | 1080 |
| cctgaaaaga | aagcaccacc | acctcctaaa | gttataaaga | agccagtaat | tgaaaaaatt | 1140 |
| gaaaagactt | ctcgaagaat | ggaggaagaa | aaagttcaag | tcaccaaagt | acctgaagtt | 1200 |
| tcaaagaaga | ttgttcaca | aaaaccttcc | cggactccag | tacaggaaga | agttattgaa | 1260 |
| gtgaaagtac | cagctgtgca | tacaaagaag | atgggtattt | cagaagaaaa | gatgttcttt | 1320 |
| gcttctcaca | cagaggagga | ggtgtcagtc | acagtccccg | aggtacaaaa | ggaaattgtt | 1380 |
| actgaagaga | aaattcacgt | tgccatttcc | aaaagggttg | aaccaccacc | taaagtcctt | 1440 |
| gagctacctg | agaaaccagc | tccagaagaa | gtggcccttg | ttcctatccc | taaaaaagtg | 1500 |
| gagccccag | caccaaagt | tctgaggtt | cccaagaaac | ccgtgccaga | ggagaaaaag | 1560 |
| ccagttcctg | tgccaaagaa | ggaacctgct | gctcccccaa | aagtcccaga | ggtgccaaag | 1620 |
| aaacctgtcc | ctgaagaaaa | gattcccgtt | cctgttgcaa | agaaaaagga | agctcccca | 1680 |
| gctaaagttc | ctgaagtaca | gaagggagtt | gtgacagaag | aaaaaataac | cattgtaact | 1740 |
| caaagag | | | | | | 1747 |

<210> 2428
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(428)
 <223> similar to gi4850182 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2428

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gattccagaa | gatatgatgt | caagaccagg | aagtggagct | ttctcttggga | agagcacagt | 60 |
| aaactaattg | caaaggtgcg | ctgcctccca | caagttcagc | tggaccctct | gcccacgact | 120 |
| ctcaccctgg | cgtttgcttc | tcagctcaag | aagacatctc | tcagtctcac | gccagatgtc | 180 |
| ccagaggcag | acctttctga | agtggacccc | aagctcgtgt | ctaactctgat | gccctttcag | 240 |
| agagctggag | tcaattttgc | catagccaaa | ggaggccgcc | tgctgctcgc | tgacgacatg | 300 |
| ggcctgggga | agaccatcca | agccatctgc | atcgacgcct | tttaccggaa | ggagtggccg | 360 |
| ctcctgggtg | tggtgccatc | ctccgtgcgc | ttcacctggg | agcaggcctt | ccttcggtgg | 420 |
| ctgccatctc | tgagcccaga | ttgcatcaac | gtcgtggtga | ctgggaagga | ccgcctgaca | 480 |
| gctg | | | | | | 484 |

<210> 2429
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(416)
 <223> similar to gi3327098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2429

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| ggcaccgccca | ccaccgccgc | cgccacagca | gcagcagcag | cagctcacgg | cattcctgca | 60 |
| gcagctccag | gcgctcaaac | ccccagagg | cggggaccag | aacctgctcc | cgacgatgag | 120 |
| ccggtccttg | tcggtgccag | attcgggccg | cctctgggac | gtacatacct | cagcctcatc | 180 |
| acagtcaggt | ggtgaggcca | gtctttggga | cataccaatt | aactcttcga | ctcaggggtcc | 240 |
| aattctagaa | caactccagc | tgcaacataa | attccaggag | cgagagaag | tggagctcag | 300 |
| ggcgaagcgg | gaggaagagg | aacgcaagcg | tcgagaggag | aagcgccgcc | agcagcagca | 360 |
| ggaggagcac | aagcggcggc | aggaggagga | agagctgttt | cggcgcaagc | acgt | 414 |

<210> 2430

<211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (207)...(598)
 <223> similar to gi5360271 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2430

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| caaccaccca | gaggtgagga | gatagtagag | gaagaaggag | aaggggggtg | gggggcgca | 60 |
| agcaciaaaga | gcaaaggcaa | aggcaagcac | agtgacagat | gagacttgag | aggtgccagg | 120 |
| ggccagggta | tgcgaggcct | tggaggccag | catgcagtct | aggatgaggc | ctcctacctt | 180 |
| cagcctgcct | gagggccagg | agctggaggg | aggcgagtga | aggcccttct | tcccgtgcct | 240 |
| gcagtaatgg | ctcccaggac | acctttgaag | catgttacag | cggcacgtcc | acaccttctt | 300 |
| tccatggctc | ccactgcagc | ggcagcgacc | acagcagtct | gggcttggag | cagttacagg | 360 |
| attacatggt | cacgttgctg | agtaagctgg | ggcccctcga | gatccagcag | tttgcgatgc | 420 |
| tgctgcggga | gtaccggctg | gggctgcccc | tccaggacta | ttgcacaggc | ctgctgaagc | 480 |
| tctacggaga | ccggcgcaag | ttcctcctcc | ttgggatgag | gcccttcctc | ccggaccagg | 540 |
| acatcggcta | cttcgagggc | ttcctggagg | gcgtgggcat | ccgcgagggc | ggcctcctca | 600 |
| ctgacagctt | cggccgcctc | aagcgcagca | tgagctccac | gtcggcctcc | gcagtgcgca | 660 |
| gctacgatgg | cgccggcgag | cggcccaggg | cacaggcctt | ccaccggctg | ctggctgaca | 720 |
| tcacgcacga | catcgaggc | | | | | 739 |

<210> 2431
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(621)
 <223> similar to gi5689527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2431

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| gtaaccacca | ctactcatag | cggttgacga | gggcatgagc | tacagttgct | taatgaagaa | 60 |
| ctgagaaaca | ttgagcttga | gtgtcagaat | atcatgcagg | ctcacaggct | ccagaaagtg | 120 |
| acagaccagt | atggagacat | ctggacattg | catgatggag | gattccggaa | ttataacacc | 180 |
| agcatagata | tgcaaagggg | aaagctagat | gacatcatgg | agcatccaga | aaagtctgac | 240 |
| aaggacagtt | ctagtgttta | caacacagct | gagagctgca | gaagtactcc | gctcactgta | 300 |
| gaccgttccc | ctgacagttc | ccttccaagg | gtgatcaacc | tcaccaataa | gaaaaacctg | 360 |
| agaagcaaa | tggcagccac | ccagtcctct | tccggacaga | gcagtaaaga | gtcgacctcc | 420 |
| accaaagcca | aaacctactga | gcaaggttgt | agcgtgaaa | gcaaggagaa | ggtttttagaa | 480 |
| ggcagcaagc | ttcctgatca | agagaaggca | gtcagcgaac | acatccctta | cctctctcct | 540 |
| taccacagct | cctcatatag | atatgcaaac | atcccagcac | acgcccggca | ttatcaaagc | 600 |

<210> 2432
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(421)
 <223> similar to gi4826496 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2432

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| gggtctgggg | ctgcctggcc | accgtgtcca | cccacaagaa | gatccaagga | ctgccatttg | 60 |
| ggaactgcct | gcccgtcagt | gatggcccct | tcaacaatag | caactgggatt | cctttcttct | 120 |
| acatgacagc | caaggacccc | gtgggtggctg | atctgatgaa | gaaccccatg | gcctcgctga | 180 |
| tgctgccaga | atcagaaggg | gagttctgca | gaaaaaacat | cgttgatccg | gaagatcccc | 240 |
| gatgtgtcca | gttaacgctc | actggccaga | tgatcgcagt | gtctccagaa | gaagtagaat | 300 |
| ttgccaaagca | agccatgttt | tcaaggcacc | cagggatgag | gaagtggcct | cgtcaatatg | 360 |
| aatggttctt | tatgaagatg | aggatagaac | atatctggct | tcagaaatgg | tatggagg | 418 |

<210> 2433
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (285)...(519)
 <223> similar to gi31334 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2433

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| aaacttcaaa | aaataataag | atccaagtca | aaggtaagag | ttactttctg | aaagataata | 60 |
| ctgcacaggg | gcaggatgta | ccaggggtga | gcaggggtgag | ttcatggcaa | aggaaagccc | 120 |
| atggggccact | tggggggggg | gtggagacat | gtaggggtggc | ctgtgtgtcc | aaactggctgt | 180 |
| ttctttgagt | cttgttggca | agtgtgaga | cacaaactgc | ctcttaccag | aaattccgaa | 240 |
| ccgcattaat | catttggtt | taattcctct | ctctagagct | gtttttgata | gccagcccct | 300 |
| cccatccac | agaggggagc | ccagtgaacc | tgacgtgtaa | gatgcccttt | ctacagagtt | 360 |
| cagatgcccc | gttcagttc | tgctttttca | gagacacccg | ggccttgggc | ccaggctgga | 420 |
| gcagctcccc | caagctccag | atcgctgcca | tgtggaaaga | agacacaggg | tcatactggt | 480 |
| gcgaggcaca | gacaatggcg | tccaaagtct | tgaggagcag | gagatcccag | ataaatgtgc | 540 |

```

acaggggtccc tgtcgctgat gtgagcttgg agactcagcc cccaggagga caggtgatgg 600
agggagacag gctgggtcctc atctgctcag ttgctatggg cacag 645

```

```

<210> 2434
<211> 504
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (329)...(425)
<223> similar to gi2914017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2434
ggtagagcat ccaacctgcg actgcccagg ccttgggcag tttccttatt tgagtgggag 60
ccctggaagc ccacactgcc tccttgggaa actgttaaact ctcacctttg ggtaactgct 120
gaagcagaag gcacagcaca gagcaatcat gagattgcat ttgtgatgca tccttgaggg 180
cggagaagac cacaaaggat ggctctgtgc gtggccagtc gctgctgtgg ccgggtccca 240
tttacagaga ggtctgtgag ggtgaggagg agtggagggt tttctgcatg tgcttctggg 300
cttgcatagt aagaggattt acttcccagc tcttcatctt gctgtcatgc acgggcggct 360
caacaacatc cgggttctcc tgacagagtg cacagtggac gccgaagcct ttaatctcag 420
gtgagcgctg tgggcccag taggccccgc ggcgcctggc ctgctgctca cagctgctgg 480
ttgctgggtgc ctcccatcag cccc 504

```

```

<210> 2435
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(378)
<223> similar to gi3881530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2435
cttttatgtt agtaatcgaa aagatggatt ttgccttagc ggtagtatcc tggctaagtc 60
taagttttat ggaaactcat tatctgcaat attagagggg gaagcacggg taactttctt 120
gaatagagggt gaagattatg taatgacaat gccatacgtt cattgtaaag gaattcttta 180
tggtacaatg aactggagc ttggtggaac agtcaatatt acatgtcaaa aaactggata 240
cagtgcataa cttgaattta aactaaagcc attcctaggg agtagtgact gtgttaatca 300
aatatcaggg aaacttaaac tgggaaaaga agtcctagct actttggaag gtcattgggt 360

```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aagtattttg | tatatgagct | ttacaaaaag | aattttatct | tgtgggaaaa | aaaaaatcac | 420 |
| atttaaaatt | taaaacttat | tccgttgctg | aaaacatcac | tatttaacat | aagcttcac | 480 |
| ttaatagcag | atattttggt | ggtgttctgt | tatcaacagt | agttaatttt | gtgtaatt | 540 |
| ttattttcaa | aacttaaaat | cagtagaaat | agctaacact | tatatatgac | ttactgcatt | 600 |
| atttaagaat | gttactcata | ttaactgatt | taatatttat | aacatataac | gctatgaggt | 660 |
| gagtatatag | gtgccatgcc | cattttatta | ttgtttatta | ttggcccat | tttacagaag | 720 |
| aggacactga | ggcacagaga | gt | | | | 742 |

<210> 2436
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> similar to gil679607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| <400> 2436 | | | | | | |
| ctcgaggcct | tccgcaacgc | caagactgtg | cgcaacaaca | attccagccg | ctttggcaag | 60 |
| tactttgaga | tccagttcag | ccgaggtggg | gagccagatg | ggggcaagat | ctccaacttc | 120 |
| ttgctggaga | agtcccgcgt | ggtcatgcaa | aatgaaaatg | agaggaactt | ccacatctac | 180 |
| taccagctgc | tgggaagggc | ctcccaggag | caaaggcaga | acctgggcct | catgacaccg | 240 |
| gactactatt | actacctcaa | ccaatcggac | acctaccagg | tggacggcac | ggacgacaga | 300 |
| agcgactttg | gtgagactct | gagtgcctatg | caggttattg | ggatcccgc | cagcatccag | 360 |
| cagctgggtcc | tgcagctcgt | ggcggggatc | ttgcacctgg | ggaacatcag | tttctgtgaa | 420 |
| gacgggaatt | acgcccgg | | | | | 438 |

<210> 2437
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (197)...(424)
 <223> similar to gi516515 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 2437 | | | | | | |
| ctctgtgtgcc | tgtgagctgg | agcccactca | ctctgtgtgc | tcccacgaag | cttcccatcc | 60 |
| atttactttc | tgcaaacctt | catggagcgt | cattggcctt | gaagaagcag | caatggaaat | 120 |

| | |
|--|-----|
| tcaattccag gctctccaac cagaactttgc aaagtggatc tttgcagctc ctgctctgat | 180 |
| cacgccctgg ttttgtcctg tcccctcggt ggtgaggacc gagatcttcc tgcagtcctc | 240 |
| cggcggggca gctttcatgg tggacggggc agtgcactgg ctcaccaact tcatcatagg | 300 |
| cttctgttcc ccatccatcc aggaggccat cgggtgcctac agtttcatca tctttgcogg | 360 |
| aatctgcttc ctcactgcga tttacatcta cgtgggttatt ccggagacca agggcaaaac | 420 |
| at | 422 |

```

<210> 2438
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(158)
<223> similar to gi3417295 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

| | |
|--|-----|
| <400> 2438 | |
| cttttttcta taccaatcgc caaacttgtc aggactggct aacgcggatt cgactctcca | 60 |
| tcatgagggt aggattgttg gcaggccagc ctgcagtac agtgagacat ggctttgact | 120 |
| tgcttacaga gatgaaaaca accagcctat ctcaggtaaa gtggtgtgtt tgaaattcat | 180 |
| tttaagtctg ttaataagaa aaacatgggt taattccttt ggtatgattt aatctatgga | 240 |
| taaaataagt taaagcttgg attcattttc aaagggtttg atcctgtatt ttgtaaaagc | 300 |
| aacaactgcc agagttacct attttattcg tgttaaaaca gtgttagaag tcaaaaataat | 360 |
| gttcattgtt ttgttcattg taaaacaata ttcattgttag aacacgttaa aactctattt | 420 |
| cttccgtgca aagtttagaa ctttaaagggt aattctgaaa atttgtttat gggggaaaat | 480 |
| ttttatttat ttattttatt ttttgagccg agatcgtgcc actgcactct tttagcctgg | 540 |
| gcaacaacag tgaaactcca tctcaaaata aataaataaa taaataaaaa taataatact | 600 |
| tttttttcca tttaaaattt tctcagtttc tcttagtgtg cagtgcgctc tcattgtcag | 660 |
| gggaccgctg tggggaaagg ggtcggacag ctctgcactg ggcagttccc tgctccctgg | 720 |
| aaggctttcc catgtttata tttttcttt | 749 |

```

<210> 2439
<211> 659
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (184)...(366)

```

<223> similar to gil871199 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2439
cacaccaaac ttaacaaaac ttacaacagt agttacctgt ggggaggaag attaggtccc      60
ctgtcctcct ttgagtaaca ataaaagaaa aaaaccttga aaaaatgacc tcttgacttg      120
tggaactgtt attttcatag ttagtaggag tttaaccttg ctctggtctc accttctcat      180
ccccagataa aagctgagga tgaccagccc ctcccgggag tcctcttata cctgagcggt      240
ggcctgtttc gttccaacct cttgaccag gacaacggca ttctgacatt ctcaaacctg      300
gtaacgtgtt ctgcaattta ccacctgcct gtcttccttg agagagagcc aggatgcagc      360
atgcgagact tacgtgttgc ttgacaacgt gagaagagaa agccaatgtg gagtgggtttc      420
agtttcttgg gggccacacg tcattagagt attgctctta ctggaactta atgctgctga      480
ttcatgtttc cttccacacg cgcttcttgg tttctgatca ccacttgct actaagacag      540
tgtaattaat ttccctggcc acaactggct gctctcttag ggcattctct cggttttgcc      600
acggaaatca tgcttatgat ggctgangtc tggtttgggt ggtaaggctg gcgttttct      659

```

<210> 2440
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(471)
<223> similar to gi2688800 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2440
catttagatt tgatacgaga aacagtagcg cccatttcca gaggataagt atgcctcaaa      60
cacaggagtt cttgggaaga gaattatcac aagagacaac ttctgttggg tgttggccag      120
tgtccctcgt cccccacccc tgggtcccca ctgctttacc tcttgctttg cagccttctc      180
tcctcacagc cttcctgtgg ctgtgttttt ggccctgata gccccatggc acaactgcac      240
tttgccctcac ctaggcctgt ggcttcttgc ctggcaggtg ccacttctcc acttttaagc      300
agtccaaga gtggtctctc cggtcaagcc gagccacagc aagacctgcc aagcctgaag      360
acctctttgc ctttgccctac catgcctggt gcctggggct gaccgaggag gaccagcaca      420
ctcacctatg tcagccaggt gagcacatac gttgtcgagc cgggaatccg gccggtccgc      480
atg

```

<210> 2441
<211> 968
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (858)...(968)
 <223> similar to gi1765864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2441

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| ggaggcaggg | agaaaaggagg | tgaggccagt | tgggaagggg | tacactcagg | ggacttaacg | 60 |
| cctggcaatg | tatcgtttat | tcaactgagt | gctggatact | caagtatccc | atatattatt | 120 |
| ctatacacct | ttttgtgtgc | cttaactaat | gcatttttta | aagtcagttt | ttctgtgata | 180 |
| tcagacaaat | acttttagcat | ttagattctc | tttctctcac | tgaattgact | agtaaattca | 240 |
| gttatgaata | atthagccca | aaattaacct | agcaaggatt | tcacctgcaa | attaaattta | 300 |
| ttttctgcc | aaggacttaa | gttccaaccc | agaaaccccc | ttttacaaag | cactcactct | 360 |
| tacttttctg | attgttttaa | taaaggcaag | taattccttt | tccctcttca | ctctgtggta | 420 |
| cagttctgaa | gaataacttc | atgtgttttg | tgaatgtttg | aaattcacca | ggcaaaaagg | 480 |
| acagctaata | gattgtagta | acatagaaat | gccacgtgcc | acagatcccc | cctccttget | 540 |
| cctgtccctg | ctcctgctag | ctcaaccttt | tccctgcact | gacaggcatt | gtagactacg | 600 |
| ggtcaagcca | gctttgaagc | caagcacatc | tggtttcaaa | tcctaactcc | atccccaaact | 660 |
| acttgtagta | cctgacccta | agcagatagt | ttctctcctt | ggattctgtc | aagggggaaa | 720 |
| atacttcctt | tacaagggtg | ctgtgaaaat | aaagtgtgat | aatacatgaa | aagcaccttg | 780 |
| cacatagtag | gtgcctaaca | cacatctgta | tgccctagcc | gccagacccc | tgccagatga | 840 |
| ttttattttc | ccctagtggg | tctgttcatc | ggagtcaaac | tgactatgct | tttgcgactg | 900 |
| gcaacttgag | ggggagattc | ttctccactg | aaacccgtgg | gagcctagca | ccctatgaag | 960 |
| gcaggagg | | | | | | 968 |

<210> 2442
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(425)
 <223> similar to gi3881698 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2442

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ctctggctcag | gtgatccaaa | aggaaactgt | tggtgggacg | acttacttct | atacagacac | 60 |
| aactccagca | cctttgactg | gaatggtgtt | tccaaactat | catatttatc | ctccaactgc | 120 |
| acctcacgtt | gcttatatgc | aaccgaaagc | aaacgcacct | tccttcttca | tggtgatga | 180 |
| actccgaag | gagctgatca | acagacattt | aataacaatg | gctcaaattg | atcaagcaga | 240 |
| tatgccagca | gttcctacag | agggtgacag | ctaccatagc | ctattccctc | tagaaccact | 300 |
| gccacctccc | aaccggatac | agaaatcaag | taattttgga | tatattacat | cttgctacaa | 360 |
| agctgtaaac | agcaaagatg | atctgccata | ttgccttcgg | aggatacatg | gttttcgtct | 420 |
| tggttaacaca | aagtgcattg | tggt | | | | 444 |

<210> 2443
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (53)...(457)
 <223> similar to gi3877162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2443

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| tacgttccnn | nnncgaattc | ccgggtcgac | gggaggcagg | aggtggcggg | agggggtcgt | 60 |
| gaagtctagc | ttcacgtatc | tgctgctgga | ccccagggag | actcaggacc | tgccagcccc | 120 |
| agccttctca | ctgacccccag | ctgagcgcct | tcagactttc | atccgtgcca | tcttctacgt | 180 |
| gggcaaagg | acgagggccc | ggccatatgt | ccacctcttg | gaggcccttg | gtcaccatgg | 240 |
| gcggtcaaga | aaacagcccc | accaggcctg | ccccaaagtg | cgtcagatct | tggaacatctg | 300 |
| ggccagtgg | tgccggcgtg | tgccctaca | ttgcttccag | cacgtggctg | ctgtggaggc | 360 |
| ttatacacgg | gaggcgtgta | ttgtggaagc | cctagggatc | cagacgtca | ccaaccagaa | 420 |
| gcaagggcac | tgctatggag | tggtggcagg | ctggccacct | gctc | | 464 |

<210> 2444
 <211> 1015
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (247)...(662)
 <223> similar to gi2854153 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2444

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaattcccgg | gtcgcagatt | tcgtggctgg | tcttgaactc | ctgggctcaa | gcaatctgcc | 60 |
| cacctcagcc | tcccaaagt | ctgggattac | aggcgggagc | catggtgccc | ggccaatcta | 120 |
| taaattctta | tcaacaaagt | aagattattc | tgccttttaa | aaaatgtttc | aactgcacct | 180 |
| ttaaaaaata | gcatatataa | agctttcaga | tactcaaata | acgtttatat | tctcttcatt | 240 |
| catcaaggga | aaagagtttc | tttttacaaa | cgagcccaaa | tccttgtagc | agatacgtgg | 300 |
| agtgtattgg | aaggaaaagg | agatggctgc | ttcaaggaca | tctccagtat | caccatgttt | 360 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| gctgattata | gattacctca | ggttcttgct | catcttggag | ccctgaaata | ctctgatgac | 420 |
| ctactgaaga | agcttctcaa | aggagaaatg | ctctcatatg | gagacaggca | agaggtggaa | 480 |
| atcagagggg | gctcgctttg | gtgtgttgag | ctgatccggg | attgtcttct | ggagcttatt | 540 |
| gaacaaaagg | gtgaaaaacc | taatggagag | atcaattcca | ttcttctgga | ttattactta | 600 |
| tgggactatg | cccatgacca | tagggaagat | atgaaaggaa | ttccgtttca | tcgcatacgt | 660 |
| tgcataatatt | attgacctca | agtgtaaact | gatccaaaga | aaacccctg | cgttttatat | 720 |
| catatcatct | gtacagtttt | gctttgatat | ttagagaaca | tgatcgaggt | tataggaaat | 780 |
| tgattgcca | ttctcacttg | aaaaatactt | cctaggccgg | gcacagtgg | ttatgcctgt | 840 |
| aatcccagca | ctgtgggagg | ctgaggcggg | tggatcatct | gaggtcagga | gtttgagacc | 900 |
| acctggccaa | catggtgaaa | ccccatctct | actaaaaata | caaaattagc | tgggcgtggt | 960 |
| ggcacgtgcc | tgtaatccca | gttacttggg | aggctgaggc | aagagaatcg | cttga | 1015 |

<210> 2445

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(358)

<223> similar to gi3882307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2445

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ggaaaacctg | cagaagctgg | tccacattga | gcacagcgtc | cggggccaag | gggatctcct | 60 |
| ccagccagga | agggagtttc | tgaaggaagg | gacgctgatg | aaagtaacag | ggaaaaacag | 120 |
| acggccccgg | cacctatttc | tgatgaacga | tgtgctcctg | tacacctatc | cccagaagga | 180 |
| tgggaagtac | cggctgaaga | acacattggc | tgtggccaac | atgaagggtca | gccgccctgt | 240 |
| gatggagaaa | gtgccctacg | ctctaaagat | tgagacttcc | gagtcctgcc | tgatgctgtc | 300 |
| tgcgagctcc | tgtgcagaga | gggacgagtg | gtatggctgt | ctgagcagag | ccctccctga | 360 |
| ggactacaag | gcccaggcgc | tggctgcatt | ccaccatagc | gtggagatac | gagagagggt | 420 |
| gggggttagc | cttggggaga | ggccccccac | cctggtgcct | gtcacacacg | | 470 |

<210> 2446

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(417)

<223> similar to gi3043612 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2446
tttcgtacag atgctcgggt agccatcacc atctattacc aggccacgga agagttccag      60
aatggtattg ccagctacat tcccaaagac aacagcctcc agtcggagac tgtgcagtac      120
aagcgaggag tgtgtcagca gttctgctg cctcccaca ccgtggatcc ctccgagtgg      180
gccgaagagg agcttggctt tgatttagac cgagaagttt accctctagt ggtacatgcc      240
gtggtggatg aaggagacga gtattttggc cattgccatg tactgctggg tacttttgag      300
aagcacacag atggaacttt ctgtgtcaag cccctcaaac agaaacaagt agtagacggg      360
gtcagctacc tccttcagga gatctatgga attgaaaaca agtacaacac acaaga      416

```

```

<210> 2447
<211> 935
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (26)...(577)
<223> similar to gi4587569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2447
cccacgcgtc cgctcaaaac ataatttctg tttcatggag atgaatacaa ggctgcaagt      60
ggaacatcct gttactgaga tgatcacagg aactgacttg gtggagtggc agcttagaat      120
tgcagcagga gagaagattc ctttgagcca ggaagaaata actctgcagg gccatgcctt      180
cgaagctaga atatatgcag aagatcctag caataacttc atgcctgtgg caggcccatt      240
agtgcacctc tctactcctc gagcagaccc ttccaccagg attgaaactg gagtacggca      300
aggagacgaa gtttccgtgc attatgaccc catgattgcg aagctggctg tgtgggcagc      360
agatcgccag gcggcattga caaaactgag gtacagcctt cgtcagtaca atattgttgg      420
actgcacacc aacattgact tcttactcaa cctgtctggc caccagagt ttgaagctgg      480
gaacgtgcac actgatttca tcctcaaca ccacaaacag ttgttgctca gtcggaaggc      540
tgcagccaaa gagtctttat gccaggcagc cctgggtctc atcctcaagg agaaagccat      600
gaccgacact ttcactcttc aggcacatga tcaattctct ccattttcgt ctagcagtgg      660
aagaagactg aatatctcgt ataccagaaa catgactctt aaagatggta aaaacagtaa      720
gtaatgtttc attaaaagag aaatgtgagt catagaaatg tatcacatta atctgaaaaa      780
gaggattcca gcctggccat gatcagtcag ttacattttt taaatgccta ggctaaacat      840
tgaggggaaa tatgccaata taatagaatt gattggctct gggtagtaga gttgatggta      900
tttgcttttc ttctttacac tttttaaaaa atttg      935

```

```

<210> 2448
<211> 412
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (8)...(414)

<223> similar to gi37195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2448
tttcgtgagt tctgttagct tgtcctgggc ccggcccaaa gatgatgggtg gttctagagt      60
cacaggctac tacatcgaac gcaaagagac atccactgac aagtgggtca gacacaacaa      120
gactcagatc accaccacaa tgtacactgt cacagggtt gttcccgatg ctgagtatca      180
gttccgcata atcgcacaga atgatgttg cctgagtgag accagccctg cttctgaacc      240
agttgtttgc aaagatccat ttgataaacc aagccaacca ggagaacttg agattctttc      300
aatatccaaa gatagtgtca ctctacagtg ggagaaacct gaatgtgatg gtggtaaaga      360
aattcttgga tactgggttg aatatagaca gtctggagac agtgccctga aa              412
```

<210> 2449

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (267)...(430)

<223> similar to gi4583557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2449
cccacgcgtc cggtttcatg ttgaagaaaa tcagtgttgg ggttgcagga gacctaaaca      60
cagtcaccat gaagctgggc tgtgtcctca tggcctgggc cctctacctt tcccttggtg      120
tgctctgggt ggcccagatg ctactggctg ccagttttga gacgctgcag tgtgagggaac      180
ctgtctgcac tgaggagagc agctgccaca cggaggatga cttgactgat gcaagggaag      240
ctggcttcca ggtcaaggcc tacactttca gtgaaccctt ccacctgatt gtgtcctatg      300
actggctgat cctccaaggt ccagccaagc cagtttttga aggggacctg ctggttctgc      360
gctgccaggc ctggcaagac tggccactga ctcaggtgac cttctaccga gatggctcag      420
ctctgggtcc ccccgggcct aacaggaat tcttccatcc accggtgggt aacaaaaggg      480
cagacaagcc gggcaactaa ccaattgcag t                                511
```

<210> 2450

<211> 504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (64)...(223)

<223> similar to gi5689399 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2450

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| gtcgacgatt | tcgtgaaatg | aattgtttga | ttgctgactt | tattctttgg | tcttacacac | 60 |
| cagggtttcc | atgataaagt | tttggaggac | tgcaatatag | tcctcagttt | aaatgccagt | 120 |
| aactgcaaag | ctctgtatcg | gaaatctaag | gctttaagtg | atttaggaag | atacaaaaag | 180 |
| gcttacgatg | ctgtagcaaa | gtgctcctta | gcagtgccctc | aggtagggaa | tttatagttt | 240 |
| atttgtttac | atcgtaacca | tttaccatcat | aataaatggc | atttaaagag | ttaaattttc | 300 |
| cagtcattcca | tcaacctgct | tcagttgggt | ataattgcta | atgaagcagg | tgtcttgatg | 360 |
| ggaaacttcc | ctgttttgtc | tattcttctt | caccattagt | aaatataacc | ctgttaatta | 420 |
| tacatactta | tttttttcag | gatgagcatg | taatanaact | aactcaagaa | ctagctcaga | 480 |
| aaatggggat | taaaataaga | aaag | | | | 504 |

<210> 2451

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(538)

<223> similar to gi3098418 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2451

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| ttttcggcac | gaggaaaacc | acagccaaca | ggagccacac | agatagtgca | ggaacgcccc | 60 |
| atgtgtcttg | tgggaagatg | ctcagtgtct | tggagtccac | ggtgcctccc | agccagcctc | 120 |
| cacctgtggg | cacctcagcc | atccacatga | gcctgcttga | gatgaggcgg | agcgtggcgg | 180 |
| aactcaggct | ccagctccag | cagatgcggc | agctccagct | gcagaaccag | gagttgctga | 240 |
| gggcaatgat | gaagaaggcc | gagctggaaa | tcagtggcaa | agtgatggaa | acaatgaaga | 300 |
| gactggagga | tcccgtgcag | cgacagcgcg | tcctagtggg | gcaagagaga | caaaaatatc | 360 |
| ttcatgagga | agagaagatc | gtcaagaagt | tgtgcgagtt | ggaagacttt | gttgaagact | 420 |
| tgaagaagga | ctccacggca | gccagccgat | tggttactct | gaaagacgtg | gaagacgggg | 480 |
| ctttctctct | gcgtcaagtg | ggagaggctg | tagctaccct | gaaaggtaaa | ctttctgctg | 540 |
| ggtcggggga | ggagtctgag | ctgtctttcc | tgcggtgttt | aaaaatctgc | cacatagagg | 600 |
| attcattcat | gttatgcaag | tatttattta | aacgtcttac | atgtgccagg | gcattgttct | 660 |
| ggacacttgg | gaatacccca | cagcacaagg | taggtgcaca | tccccctct | tcttgagact | 720 |
| ggtattagag | tgggtgctgt | aagatttcac | actaaatgat | tccagtaaca | ctttctatct | 780 |
| gctaggctct | tacagtgcac | cgggatgcac | gtgccaacc | cgtttaaaaa | cacaaggtgg | 840 |
| ggagggatca | cttggaattcc | ccagggagtt | tcaagaccag | cctgggcaat | atagagagac | 900 |
| tcacatctct | acc | | | | | 913 |

<210> 2452
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (52)...(446)
 <223> similar to gi5459374 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2452

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| tttcgtggag | ggtcccccata | ttgcccataca | ggcagcggct | gttcctgttt | ccccgagggc | 60 |
| tccgaggtac | tgaaggtggt | cgccatggat | ggagaccggg | gcaaacccaa | tcgaattctc | 120 |
| tacagccttg | taaattgggaa | cgatggagcc | tttgaaatta | atgagacatc | tggagccatc | 180 |
| tccatcactc | agagcccggc | ccagctccag | agagaggtgt | atgagctgca | tgtacaggtg | 240 |
| actgaaatga | gccctgcggg | gagcccagct | gcccaggcca | ccgtcccagt | caccatcagg | 300 |
| attgtggacc | tcaacaacca | cccgccaaaca | ttctatggag | agagcggacc | ccaaaacagg | 360 |
| tttgagctgt | ccatgaatga | gcaccacccc | cagggagaga | tcctgcggng | cctcaagatc | 420 |
| accgtcaatg | actccgacca | gggaaa | | | | 446 |

<210> 2453
 <211> 505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (273)...(358)
 <223> similar to gi3395490 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2453

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tttcgttggg | agctggctgg | gcaggggtggg | gagcccttcc | cagagcagtg | ggccccctt | 60 |
| tccactccag | cccatttctc | tcctgtggcc | tgtggctcag | ctttctcctg | ggacagagtc | 120 |
| cttctctgtg | ggaagggaca | gatgacaggg | ggagtggggg | gatgagggcg | tggccgtggg | 180 |
| cgaggcacag | cccaggtttg | atctagggac | ctctggggta | gcagggcttg | gggacccacc | 240 |

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tgaccacagc | atgccctgct | ctgtgcctca | cagaactaca | ggatctcatg | cacatctcac | 300 |
| gggccccgaa | gccagcggtc | atcctgggct | ccatgaggga | cgagaagcgg | acgtaagtgg | 360 |
| atcgagatcg | gtggcagagc | ggcgaacgtg | tgcgctttcc | tgccccctcac | ccacccccctg | 420 |
| ttgagggtc | agggttttac | tctctgcacc | ctcacagccg | gcgaagtggc | tctgctccta | 480 |
| gtcttatagt | tcttagcaga | gacag | | | | 505 |

<210> 2454
 <211> 1392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(361)
 <223> similar to gi3875538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|--|
| <400> 2454 | |
| cctccccact | gtcccagtca catcccaacc ctctcacgct taccagagtc ccgggcagcc 60 |
| tgcagggcat | gcaggtagtt gtctctggca gccttggttg cccccagctg gctcaatgca 120 |
| aaggccaggc | tgccaaagct ccggccctgc tcccaccgct gccccacaga gccgtgtagg 180 |
| tcagcagcct | tctggtgaaa ctcccagact tctgatagt tgccgagggc attgtgggcc 240 |
| atcccagagt | ttcttagcac tgtggcctgc tctctggca cccagcacag gggcagggcc 300 |
| tgcaggaagg | cctccacggc cagcgggaac agctggagct gggagtagcc caggcccagc 360 |
| agtgcctct | cagtgtcct ctcggcacga aa 392 |

<210> 2455
 <211> 500
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (93)...(425)
 <223> similar to gi1109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | |
|------------|---|
| <400> 2455 | |
| gtccggaatt | cccgtttcga cgatttcgtg ctaatgagaa gctagataaa acaaaggccg 60 |
| agttagatca | agaagccttg atcattggca atctggctac agaagcacat ttaatcatcc 120 |
| tggatatgca | ggaaaacatt atccaggcga gctcggctct ggactgtaaa gacagcctgc 180 |
| tgggaggtgt | tctgaggggtg ctggtgaatt ctctgaactg tgatcagagt accacctacc 240 |
| tgactcactg | ctttgcaaca ctccgtgctc tcacgcgcaa gtttgagagac ttactcttcg 300 |

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| aagaggaggt | ggaacagtgt | ttcgacctat | gtcaccaagt | cctgcaccac | tgacagcagca | 360 |
| gcattgatgt | cacccggagc | caagcctgtg | ccacccttta | cctcctcatg | aggttcagtt | 420 |
| ttggagccac | cagtgtgaaga | gttcaaacca | gctgagtgac | ctggaatcag | tagagaaaaa | 480 |
| ttgatgtaaa | gcattcagctg | | | | | 500 |

<210> 2456
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (276)...(441)
 <223> similar to gi4220590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| <400> 2456 | | | | | | |
| agctctggtc | tctcagggcc | tcccagcagc | tgtggctgaa | gcagagccgc | aggggccttt | 60 |
| gttaagacag | tccatgcccc | ctggccccgc | atccccgtca | ccctgcccgc | ggctggtttc | 120 |
| tcatggtcag | cggttcccag | ccagggagga | gaaacctcgc | tgtgggcatt | cgagtttgcg | 180 |
| ccctggttcc | agagcatccc | agtgtccgag | aaccaagggtg | gtctcccgtc | agttttcctc | 240 |
| accccggttg | gatgccagac | ttccctcatt | cctcacaggt | caatgagtac | gtcagtgctc | 300 |
| gggacacgaa | catgggggcg | tggtttgagg | cgcaggtggt | cagggtgacg | cggaaaggccc | 360 |
| cctcccggga | cgagccctgc | agctccacgt | ccaggccggc | gctggaggag | gacgtcattt | 420 |
| accacgtgaa | atacgacaag | tgagtcattg | caggtggacg | ggcctgggta | ttcaggctct | 480 |
| gtgacgcgca | tccttggtcg | cgggtgttca | ggccagaact | tggcactgtc | tcgagatggt | 540 |
| gatcaggatc | tggggcccca | tcctagaatt | cctaacagca | tacgaggctg | cccacttggtg | 600 |
| gactagcctg | agaacccgaa | gacggctgcc | ccctcctgtg | taaaaacgga | gggttctgct | 660 |
| cgatcagtgg | ctgaaactgc | cacgaaatcg | tcggccccgg | aattccgacc | ggaagtc | 717 |

<210> 2457
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(402)
 <223> similar to gi3878739 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| <400> 2457 | | | | | | |
| tttcgtgctt | taaagttggt | tctgctggcc | ttagaagatg | gttctgcttt | gtcaagaaaa | 60 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gtattggttc | tgtttggt | gcaaagattg | gagccacggt | tctctcaagc | ctctaaaact | 120 |
| agcattgggc | atgttggtca | gtctctttat | agagcctcct | gtttcaaggt | caccaaactg | 180 |
| gatgaagact | cttctttgat | gcagctgaaa | gaagaattta | gaacctatga | agctctgcgg | 240 |
| cgagaacatg | actcccagat | agtgcagatt | gctatggaag | caggcttacg | aattgcaccg | 300 |
| gaccagtggg | cctctttgct | ttatggagac | cagtctcaca | aatctcatat | gcagtccatt | 360 |
| attgacaaga | ctccagcctc | ttttgcacag | agtggttcagg | a | | 401 |

<210> 2458
 <211> 679
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (107)...(414)
 <223> similar to gil052790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|-----|
| <400> 2458 | | | | | | |
| agacatcatt | gacgtggatg | aggaaccagt | agcagcggag | ccagactatg | tgagcccca | 60 |
| gctgaggcgg | ccctttgagc | tgctgattgc | tgccgccatg | gagcggaacc | ccaccaatt | 120 |
| tcagttgccc | aatgaactga | cttgtaaccac | tgactacca | ggttctagca | agaggagaag | 180 |
| aaaggaggaa | accacaggga | aaaatgttaa | gaagacacag | catgaattag | atcacaatgg | 240 |
| tctcgttccc | ttaccggtca | aagtctgctt | cacgtgtaac | aggagttgcc | gtgtggctcc | 300 |
| tctcatccag | tgtgactatt | gccctctcct | gtttcacatg | gattgcctcg | agccgccgct | 360 |
| cactgccatg | cccctgggca | gatggatgtg | tccgaatcac | atcgaacatg | tggtgctgaa | 420 |
| ccagaagaat | atgacactga | gcaatcgggtg | ccaggtgttt | gatcgtttcc | aggacaccgt | 480 |
| ttcgcagcat | gtcgtcaaag | tggaattcct | gaaccgaatc | cacaagaagc | acccccctaa | 540 |
| ccggcgtgtg | ctccagtcgg | tcaaaagaag | aagcttgaag | gttcctgatg | ctataaaatc | 600 |
| tcagtaccag | tttcaccccc | ctctcattgc | acccgcggcc | attcggggacg | gngagctgat | 660 |
| ctgcaatggg | atccctgag | | | | | 679 |

<210> 2459
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (221)...(424)
 <223> similar to gi5916205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2459
tttcgtgcag ccttcgggaa gtccctgcagg agccgcgttc caggagggca gctggcagcc 60
gccccaggcc cccgggcccgc ctgcaggtga ttaggctaata gagctgcccc gggggcgccg 120
agaccggcct ggogagcgga ttaccggcg cccagctgct gccggcgag actcccagga 180
gtcccggaaga ggaacctcc gaaggtgact tcagaactgg agttacctgg ctgagcagtg 240
ctggaatggc ggctttatct acctgatcat gctgcgtcgc ttttaagcaca aagccactc 300
cacttataat ggcaacagta gcaacagctc tgaaccagga gaaacaccta ccttgagct 360
gggtgaccga actgcgaaaa aggggaaacg aaccagaaag tttgggtca tctccaggcc 420
tcctg 425
```

```
<210> 2460
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(277)
<223> similar to gil64070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2460
ccagaaactg tttggtatga tcattaccat tgggcaagcc attgtgtatg tcatgacggg 60
gatgtatggg gacctgcag aaatgggtgc tggaatctgt ctccctgatca tcattcagtt 120
gtttgttgct ggtttgattg tgctgctgtt agatgagctg ctacagaagg gttacggctt 180
ggggtctggg atttccctct ttattgccac caacatctgt gagaccattg tctggaaggc 240
ctttagtccc actaccatta aactggcag aggtacatcg cacagcgact gcaactgcac 300
gcgttttgct ggatgtgtgc tgggaacaaa cccatcgtgt cgagtagcat gcctagagcc 360
gttctggatt gctctcctag gggataagga atgcgaattc ttcaaaactt aatgagcaga 420
gatttggtga gtaagcaata ctacctcaga gagaatagta tcaaaatttt agtctctgct 480
tatttaaaat ttcagtgggt gcaaacagat tttcaaaatt tcttttgta accttgctta 540
aggcattgct gcagaagtca tttatttgac tgatttcagc atccgtaggg ggataaaaag 600
gtagtggatt ttaa 614
```

```
<210> 2461
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
```

<222> (41)...(491)

<223> similar to gi3983137 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2461

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtggag | gaggagaaca | tccgcgtggt | tcgttgtggc | ggcagcgagt | tgaactttag | 60 |
| gagagctgtg | ttctctgcag | attctaagta | tatcttctgt | gtctctggag | actttgttaa | 120 |
| agtttacagc | acagttacag | aagagtgtgt | acacatactg | catggacaca | gaaatctggt | 180 |
| gactggaatc | cagcttaacc | ccaacaacca | tctacagctg | tattcttggt | cccttgatgg | 240 |
| cacaattaaa | ctgtgggact | atatagatgg | catcttaata | aagactttca | tagttggatg | 300 |
| taaacttcat | gcctcttcta | ctcttgccca | agctgaggat | tctgtctttg | ttatagttaa | 360 |
| taaagaaaaa | ccagatatat | ttcagctggt | ttcagtgaat | ctgccaaaat | cctcaagcca | 420 |
| ggaagtagaa | gcaaaggagc | tgtcctttgt | tttggattac | ataaaccagt | cacccaagtg | 480 |
| cattgccttt | ggaaacgagg | gagtatatgt | tgtgcagta | cgggaatttt | acttgtctgt | 540 |
| ttattttttc | aaaaaggaaa | caacatcaag | ggttacttta | tcatcatcaa | g | 591 |

<210> 2462

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(393)

<223> similar to gi4006920 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2462

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgttcag | cttccacagc | gtgtctggaa | ttctggtttg | ccaggcgggc | tgcgtcctgg | 60 |
| aggagctgag | ccggtatgtg | gaggaacggg | acttcatcat | gccgctggac | ttaggagcca | 120 |
| agggcagctg | ccacatcggg | ggaaacgtgg | caaccaacgc | tggaggcctg | cggtttcttc | 180 |
| gatatggctc | actgcatggg | actgtcctgg | gcctggaagt | ggtgctggcc | gacggcactg | 240 |
| tcctggactg | cctgacctcc | ctgaggaagg | acaacacggg | ctatgacctg | aagcagctgt | 300 |
| tcacgggtc | ggagggcact | ttggggatca | tcaccacggg | gtccatcttg | tgtccaccca | 360 |
| agcccagggc | tgtgaacgtg | gctttcctcg | gcctgcttca | ctcacagcca | cttcttcggg | 420 |
| tctcctggga | cctgcctgcg | gtcctttctt | tgttccattt | gaatcggggc | ggtttatcca | 480 |
| gcatttcctc | ctcaggagtt | cagaagtcgc | acagcccggc | agtcttcgcg | cgggaggtgg | 540 |
| cgggtctagc | tcaccaactc | ccagttcggg | gtcttgagct | gccgg | | 585 |

<210> 2463

<211> 408

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (221)...(398)
 <223> similar to gi3877428 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2463
 tttcgttccg ggtgtctttg tccccccggt gtcgctgccc tggcccgcag ccttttcccc 60
 acgactctga aagaggacag cgttcccaat gtcccagttt aagcgccagc ggatcaaccc 120
 gcttccaggg ggacgcaact tctcaggcac agcttcaaca tctcttctgg gccctcctcc 180
 tggtttgctc actcctcctg tggccacaga actgtcccag aatgccaggc accttcaggg 240
 tggggagaaa cagcgggtct tcaactggtat tgttaccagc ttgcatgact actttggggg 300
 tgtggatgaa gaggtctttt ttcagctaag tgtggtgaag ggccgtctgc cccagctggg 360
 tgagaagggtg ctggtgaagg ctgcatacaa cccaggccag gcagtgcc 408

<210> 2464
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(408)
 <223> similar to gi4261548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2464
 gggttcgggaa tctggactgt acagatgcca ggcccggggc tccccacgaa gtaaccctgt 60
 gcgcttgctc ttttcttcag actccttaat cctgcaggca ccatattctg tgtttgaagg 120
 tgacacattg gttctgagat gccacagaag aaggaaagag aaattgactg ctgtgaaata 180
 tacttggaat ggaaacattc tttccatttc taataaaagc tgggatcttc ttatcccaca 240
 agcaagttca aataacaatg gcaattatcg atgcattgga tatggagatg agaatgatgt 300
 atttagatca aatttcaaaa taattaaaat tcaagaacta tttccacatc cagagctgaa 360
 agctacagac tctcagccta cagaggggaa ttctgtaaac ctgagc 406

<210> 2465
 <211> 1131
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (37)...(1132)

<223> similar to gi951231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2465

```
acatctgtcc gtgtggtgga attcgaggat tcagctgaaa aagaagtttt taagagtgcac 60
tattacaaca aagttccagt tagtaaaatt ctaggcaagt gtgtggtcat gtttgtcaag 120
gaataacttta agttatgccc agaaaacttc cgagatgagg atgtttttgt ctgtgaatca 180
cgggtattctg ccaaaaccaa atcttttaag aaaattaaac tgtggaccat gcccatcagc 240
tcagtcaggt ttgtccctcg ggatgtgcct ctgcctgtgg ttcgcgtggc ctctgtattt 300
gcaaatgcag ataaagggtga tgatgagaag aatacagaca actcagagga cagtcgagct 360
gaagacaatt ttaacttgga aaaggaaaaa gaagatgtcc ctgtggaaat gtccaatggt 420
gaaccagggt gccactactt tgagcagctc cattacaatg acatgtggct gaaggttggc 480
gactgtgtct tcatcaagtc ccatggcctg gtgcgtcctc gtgtgggcag aattgaaaaa 540
gtatgggttc gagatggagc tgcataatgt tatggcccca tcttcattca ccctgaagaa 600
acagagcatg agcccacaaa aatgttctac aaaaaagaag tatttctgag taatctggaa 660
gaaacctgcc ccatgacatg tattctcgga aagtgtgctg tgttgtcatt caaggacttc 720
ctctcctgca ggccaactga aataccagaa aatgacattc tgctttgtga gagccgctac 780
aatgagagcg acaagcagat gaagaaattc aaaggattga agaggttttc actctctgct 840
aaagtggtag atgatgaaat ttactacttc agaaaaccaa ttgttcctca gaaggagcca 900
tcacctttgc tggaaaagaa gatccagttg ctagaagcta aatttgccga gttagaaggt 960
ggagatgatg atattgaaga gatgggagaa gaagatagtg aggtcattga acctccttct 1020
ctacctcagc ttcagacccc cctggccagt gagctggacc tcatgcccta cacaccccca 1080
cagtcacccc caaagtctgc caaaggcagt gcaaagaagg aaggctccaa a 1131
```

<210> 2466

<211> 1249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (439)...(1244)

<223> similar to gi4589676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2466

```
cgcagatggg ctaccgctcc ctccctgagcg ctgcgtcctc tcgtcctctc cccctcaccc 60
gccgccttcc ctgctgggtc cctctccccg gtctccacct ctctccctc tcctggaagg 120
gaaaagtctg ccaagctggg gactgccacg accaaaccaa caaaggccga ccgaaggcgg 180
agaacttgaa aagaacttgt tttgttccag ttaaggaacc tgcaggaaaa tccacacca 240
cattgcctgg ttttgaactg gagagctgcg tgtgtgtgtg tatgtgtgtg tgtgtgtcaa 300
gcaagaggcg gaggaggcac agactatggt ctctgttttg ataaggaaac tgccagctgt 360
cgaaagttaa ccagcagaga ggggaagatg gccaggagc cagccctcc tgagttttaa 420
actacactgt tttctgtcca gatattccaa tggagacagt tggaaaacct gtacttcaga 480
gaaaagaagt tttcctgga agttcatgac ccacgcaggg cttcagtgac aaggaggacg 540
tttgggcaca gcggcattgc agtgcacacg tggatatgat gtccggcatt gatcaagtcc 600
```


| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| atctgggcta | tggccataag | ccaacaccag | ttctatctgg | acagaaagca | gagtaagtcc | 660 |
| aaaatccatg | cagcacgcag | cctgagtgag | atcgccatcg | acctgaccga | gacggggacg | 720 |
| ctgaagacct | cgaagctggc | caacatgggt | agcaagggga | agatcatcag | cggcagcagc | 780 |
| ggcagcctgc | tgtcttcagg | atctggtgcc | aggagacact | gcattctact | cccaggttct | 840 |
| caggaatcag | atagctcgca | gtcggccaag | aaggacatgc | tggctgcctt | gaagtccagg | 900 |
| caggaagctc | tggaggaaac | cctgcgtcag | aggctggagg | aactgaagaa | gctgtgtctc | 960 |
| cgagaagctg | agctcacggg | caagctgcca | gtagaatatc | ccctggatcc | aggggaggaa | 1020 |
| ccacccattg | ttcggagaag | aataggaaca | gccttcaaac | tggatgaaca | gaaaatcctg | 1080 |
| cccaaaggag | aggaagctga | gctggaacgc | ctggaacgag | agtttgccat | tcagtcccag | 1140 |
| attacggagg | ccgaccgccg | cctagccagt | gaccccaacg | tcagcaaaaa | actgaagaag | 1200 |
| caaaggaaaa | caaagtatat | aatgacagtg | aagaaactgc | aggtgtatt | | 1249 |

<210> 2467

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(442)

<223> similar to gi4633066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2467

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tttcgtcaga | gccgcgggag | gacggttgcc | tggtattatt | agcaagcagc | aaatatggcg | 60 |
| gtggcgcgcg | tggacgcggc | tttgctccc | ggagaaggat | cagtgggtcaa | ttggtcagga | 120 |
| cagggactac | agaaattagg | tccaaattta | ccctgtgaag | ctgatattca | cactttgatt | 180 |
| ttggataaaa | atcagattat | taaattggaa | aatctggaga | aatgcaaacy | attaatacag | 240 |
| ttatcagtag | ctaataatcg | gctggttcgg | atgatgggtg | tggccaagct | gacgttgctt | 300 |
| cgtgtattaa | atttgcttca | taatagcatt | ggctgtgtgg | aagggctaaa | ggaactagta | 360 |
| catctggaat | ggctgaattt | ggcaggaaat | aatcttatag | ccatggaaca | gatcaatagc | 420 |
| tgcacagctc | tacagcatct | c | | | | 441 |

<210> 2468

<211> 929

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(931)

<223> similar to gi915328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2468
ctccggagcg gacttcccg gtcgacgatt tcgtcaagcc ctcagcccca cgggtagcag      60
ccgctatgcc tcttccgggg agctgagcca gggaagctct cagctgagcg aggacttcga      120
ccctgacgag cacagcctgc agggctccga catggaggat gagcgggacc gggactccta      180
ccactcctgc cacagctcgg tcagctacca caaagactcg cctcgctggg accaggatga      240
ggaagagctg gaggaggacc tggaggactt cctggaggag gaggagctgc ctgaagatga      300
cgaggagctg gacgaggagg aggaggaggt gcctgacgat ttgggcagct ataccagcg      360
tgaagacgta gctgtggctg agcccaaaga cttcaaacgc atcagcctcc cgccagctgc      420
cccaggggaag gaggacaagg ccccagtggc acccaccgag gcccccgaca tggccaaggt      480
ggcccccaag ccagccacgc ccgacaaggt gcctgcagct gagcagatcc ctgaggctga      540
gccacccaag gacgaggaga gtttcaggcc gagagaggat gaggaaggcc aggaggggca      600
ggactccatg tccagggcca aggccaactg gctgcgtgcc ttcaacaagg tgcggatgca      660
gctgcaggag gcccggggag aaggagagat gtctaaatcc ctatggttca aaggcggccc      720
agggggcggt ctcatcatca tcgacagcat gccagacatc cgcaagagga aacctatccc      780
actcgtgagc gacttggcca tgtccctggt ccagtccagg aaagcgggta tcacctcggc      840
cttggcctcc agcacgttga acaacgagga gctgaaaaac cacgtttaca agaagaccct      900
gcaagcctta atctaccca tctcgtgcc      929

```

<210> 2469

<211> 993

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29) ... (995)

<223> similar to gi56463 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2469
cggacttccc gggtcgacga tttcgtaaat tcacatcccg atcacctgt atcccagcat      60
cttgacattt ccgtggcaac caaagacggg cgcctatcag tacacaataa gggcccacgg      120
tggcagtggg aacttcagct ggtcttcgtc aagccacctg gttgccacag ttactgtcaa      180
gggcgtgatg accacaggca gtgacatcgg gttcagtgtg atccaggcac atgatgtgca      240
gaaccactc catttcggtg agatgaaggt gtatgtgatc gagccccaca gcatggagtt      300
tgccccgtgc caggtggagg cacgtgtggg ccaggccctg gagctgcccc tgaggatcag      360
tggcctcatg cccggcgggg ccagtgaggt ggtcaccttg agcgactgct ccactttga      420
cttggctgtc gaggtggaga accagggtgt gttccagcca ctcccaggga ggctgcccgc      480
aggctctgag cactgcagcg gcatccgggt aaaggccgag gcccagggt ctaccacgct      540
tcttgtgagc tacagacacg gccacgtcca cctgagtgcc aagatcacca ttgctgccta      600
cctgccccctc aaggctgttg atccctctc tgttgccctg gtaaccctgg gctcctcaaa      660
ggagatgctg tttgaaggag gtcccagacc ttggatcctc gagccgtcca aattcttcca      720
gaacgtcacc gctgaggaca ctgacagcat cggcctggct ctctttgcc cccattctc      780
ccggaattat cagcaacact ggatccttgt gacctgtcag gccttgggtg agcaggtcat      840
cgccctgtcg gtggggaaca agcccagcct caccaacccc tttcctgcgg tggagcctgc      900
cgtggtgaag ttcgtctgcg ccccaccgtc caggctcacc ctgcgcctg tctacaccag      960
ccccagctg gacatgtcct gtccgtgct gca      993

```

<210> 2470
 <211> 554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (223)...(498)
 <223> similar to gi2224675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2470

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtggct | gaatcaatgg | ctctgaaggc | ccggggagcg | tgagcgatgc | ccagctgcac | 60 |
| ccgggcaggg | ctcgcctttg | tttgccagta | aggaggagag | gctgtctcag | ctgcagaggg | 120 |
| gtcatccctg | cttcaagcca | gtgcctcttc | ccagctccca | tggggaccac | cgaagccacg | 180 |
| ctccggatgg | aaaacgtgga | cgtgaaggag | gaatggcagg | acgaagatct | tcccaggcca | 240 |
| ctcccagaag | agacgggggt | ggaactgctt | ggcagcccgg | tggaagacac | atcctctcct | 300 |
| cccaacacgc | taaatttcaa | cggagcgcac | cgtaagagga | agacgctggt | ggccccagag | 360 |
| atcaacattt | ctctggatca | gagtgagggg | tccctgctgt | ccgatgactt | cttggatacc | 420 |
| cctgatgacc | tggatattaa | cgtggatgac | atcgagaccc | ccgatgagac | cgactcgctg | 480 |
| gagttcctgg | ggaatggcaa | cgaactggag | tgggaagacg | acacccccgt | ggccaccgcc | 540 |
| aagaacatgc | ccgg | | | | | 554 |

<210> 2471
 <211> 832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(793)
 <223> similar to gi4883516 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2471

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tatttcgagc | ggcagttggg | gcggtaccag | aggggtgctg | gaaggatacg | gcccagctcc | 60 |
| acaagagcga | ggaggcgaag | cgggtgctgc | ggtattacct | cttccagggc | cagcgctata | 120 |
| tctggatcga | gaccacgcaa | gccttctacc | aggtcagcct | cctggaccat | ggccgctctt | 180 |
| gtgacgacgt | ccaccgctcc | cgccatggcc | tcagcctcca | ggaccaaagt | gagaggaagg | 240 |
| ccattttacg | ccccaacgtg | atcagcatac | cgggtcaagtc | ctacccccag | ctgctggtgg | 300 |
| acgaggcctt | cagcatcgcg | ctgtggctgg | ctgaccacta | ctactggtac | gcctgtgca | 360 |
| tcttctcat | ttctccatc | tccatctgcc | tgctgctgta | caagaccaga | aagcaaagcc | 420 |
| agactctaag | ggacatggtc | aagttgtcca | tgcgggtgtg | cgtgtgccgg | ccagggggag | 480 |
| aggaagagtg | ggtggactcc | agtgaactag | tgcccgga | ctgcctggtg | ctgtcccagg | 540 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| agggtgggct | gatgcctgt | gatgccgcc | tggtagccgg | cgagtgcag | gtgaatgata | 600 |
| gctctctgac | aggagagagc | attccagtgc | tgaagacggc | actgccggag | gggctggggc | 660 |
| cctactgtgc | agagacacac | cggcggcaca | cactcttctg | cggaaccctc | atcttgcag | 720 |
| cccgggccta | tgtgggaccg | cacgtcctgg | cagtgggtgac | ccgcacaggt | atgagccggg | 780 |
| aggctgggct | tgagagagat | ccgggctcag | cacccttgaa | gaggtggagt | gg | 832 |

<210> 2472
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (191)...(778)
 <223> similar to gi4019275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2472 | | | | | | |
| tttcgtgcac | aatggccggc | ccccgcgggt | agtggagccc | gtttgttccg | cccgtgtcga | 60 |
| gcctggagcc | agaacctgtg | aagagcggaa | gggccaaggg | acgtcttctc | cacgccgctc | 120 |
| cgactccagg | ggagccgttg | cctcctctcc | gccctagcgc | tgagaaccgt | gggtaccgat | 180 |
| ggatgtggcc | gagagccctg | aacgggatcc | tcactctcca | gaggatgaag | agcagccaca | 240 |
| gggactctcg | gacgatgaca | ttctgagggg | cagcgggtcc | gatcaggatt | tggacggggc | 300 |
| gggggtgagg | gcttctgata | tggaggatga | ggaaagtgca | gccagggggc | cgagccagga | 360 |
| ggaggaagat | aatcactccg | acgaggagga | ccgggcaagt | gagcctaaat | ccaagacca | 420 |
| ggactcagag | gtgaatgagc | tgagccgggg | cccgaccagc | tccccctgcg | aggaggaggg | 480 |
| ggacgaaggg | gaggaagacc | ggacaagcga | ccttagggat | gaggcctcct | cagtcaccag | 540 |
| ggagctggat | gagcatgagc | tagactacga | tgaggagggt | cctgaggagc | cagctcccgc | 600 |
| cgtccaggag | gacgaggctg | agaaagcggg | ggctgaggat | gatgaggaga | agggcgaagg | 660 |
| cactcccagg | gaggagggga | aggctggtgt | tcagagtgtg | ggagaaaagg | aatccctgga | 720 |
| ggctgccaa | gagaaaaaga | aagaggacga | tgatggagaa | atcgatgatg | aggaaatgta | 780 |
| tt | | | | | | 782 |

<210> 2473
 <211> 1498
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(927)
 <223> similar to gi3171934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2473
gcggcccgag cccagctgcc ggccgcgcag cgaataccag ccctccgacg ctcccttcga      60
gcgcgagacc cagtaccaga aggaattccg cgcctggccg ctgccgcgcc gcggggacca      120
cccgtggatc cccaagcccg tgcagatctc tgcggcctcc caggcgtcgg cgcccattct      180
cggggcgccc aagcgccggc cgcagagcca ggagcgctgg ccagtgcagg ccgccgctga      240
ggcccgggag caggaggcgg ccccgggcgg agcgggtggc ctggcgggcg gaaaggcgctc      300
cggggcggac gagcgcgaca cgcgcaggaa ggccggggcct gcctggatgg tgcgcgcgcg      360
cgagggcctg gggcacgagc agacgccgct gcccgcggcc caggcccagg tccaggccac      420
cgcccccgag gctggcaggg ggccgcgccg ggccgacgcc ctcaaccggc aaatccgcga      480
ggaggtggcg agtgcagtga gcagctccta caggaatgaa ttcaggggcat ggacggacat      540
caagcctgtg aaaccaataa aggccaagcc ccagtacaag cccccagatg ataagatggt      600
tcatgagacc agctacagtg ctcatgtcaa aggagaggcc agcaagccaa caacagctga      660
caataaggtc attgatcgca gaagaatacg cagcctctac agcgaaccct tcaaggaaac      720
cccaaagggt gaaaaaccta gtgttcagag ttccaaacca aaaaagacct cagcgagcca      780
taagcccacg aggaaggcca aagacaagca ggcggtgtca ggccaggctg ccaagaaaaa      840
gagcgcggag ggcccagta ccaccaagcc agacgacaag gagcaaagca aagagatgaa      900
caataaactg gctgaggcga aagagtaaat ttccctgcac tttcctttta ctcttctctc      960
tctctccctc cccccaactt ttttttttta aaccaacaaa ccaaaaaagg ccacaaaatt     1020
aattagaggc ttctcatctg ccttggctct gagggttcca ggagctcttt ggtttggctt     1080
cttttgatgg aagaatcctg cttcacagac tgagtggcag gcctcctcct gagggccagc     1140
ccctgggagc accagggaag cgttgccgct ggctgtgccc tcccttgggc actctgactg     1200
catgctgatg agcaaggcag gcaggtctga gaggcgaaac gaatctcccc gcagtgtctg     1260
ggaagtgtct gtgggggtct cctcctccca gatcccaaag atctgtgtgc actggtcgat     1320
tttgaacttt aggtacatgt gttcttttca aaaattcaga gaatcgtcac gttgccacag     1380
aagctcagcc tgggcttcag caattgacaa aatttgaaga aatattaaac aaaaataaca     1440
aaaaaagaaa caaccttggc cttaatgtca ataaaaggga gttgtgtctg ttaaaaaa     1498

```

<210> 2474

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(465)

<223> similar to gi213235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2474
tttcgttctg gggctgccgc ggctccgagc tcaactgctc tcgtgggtggg cagcgagttc      60
gggagcccg ggcctcctcac ctacgtcctg gaggagctcg aaagaggcat ccggtcttgg      120
gatgtcgatc ctggcgctctg caaccttgat gaacagctca aggtctttgt gtcccgacac      180
tctgccacct tctccagcat tgtgaaaggc cagcggagcc tgcaccaccg tggagacaac      240
ctggagaccc tggctcctcct gaaccatca gacaagtccc tgtatgatga gctccggaac      300
cttctgttgg accctgcctc tcacaagcta ctggtgttgg ctgggcccctg cctggaggag      360
acggggggag tgcgtctaca gacagggggc ttctcgctc accacttctt ccaggctctg      420
aaggacagag agatccggga catcctggcc accacgcccc cacctgtgca gccgcccata      480
ctcacctatc acaccccatc caaaaaa

```

<210> 2475
 <211> 690
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(692)
 <223> similar to gi5802543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2475

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tttcgtggat | gagacctg | ccagcaggaa | gtcggatgcc | atcttcagag | ctgccaagaa | 60 |
| ggacctgctc | accctgatga | agctggaaga | ctcatctctg | ttggatggcc | gggtggcgct | 120 |
| tctgcacgtt | cctgcaggca | cggtggtgtc | aaggcaggga | gaccaggacg | ccagcatcct | 180 |
| gttcgtggtc | tcggggctgc | tgcacgtgta | ccagcggaa | atcggcagcc | aggaggacac | 240 |
| ctgcttgctc | ctcacgcgcc | ccggggagat | ggtgggccag | ctggccgtgc | tcaccgggga | 300 |
| gcctctcatc | ttcacctgca | aggccaacag | ggactgcagc | ttctgtcca | tctccaaggc | 360 |
| ccacttctat | gaaatcatgc | ggaagcagcc | gaccgtcgtc | ctgggtgtgg | cgcacactgt | 420 |
| ggtgaagagg | atgtcgtcct | tcgtgcggca | aatcgacttt | gccctggact | gggtggagggt | 480 |
| ggaggccggg | cgagcaatat | acaggcaggg | ggacaagtcc | gactgcacgt | acatcatgct | 540 |
| cagcgccggg | ctgcgctctg | tgatccggaa | ggatgatggg | aagaagcgcc | tggccgggga | 600 |
| gtacggccga | ggagacctcg | tcggcggtgt | ggagacactg | acccaccagg | cccgggcgac | 660 |
| cacggtgcat | gccgttcggg | actcagaatt | | | | 690 |

<210> 2476
 <211> 1316
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (260)...(1099)
 <223> similar to gi3549261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2476

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| gcaaggcggc | acgtcctgct | ccccctggtg | aagaagctgc | cctgggcttg | tcgtcctagg | 60 |
| gtctccagac | atgtctgagg | tgaagagccg | gaagaagctg | gggcccaagg | gagccccctgc | 120 |
| tgcgagagccc | gggaagcgga | gcgagggcgg | gaagaccccc | gtggcccggga | gcagcggagg | 180 |
| cgggggctgg | gcagaccccc | gaacgtgcct | gagcctgctg | tcgctgggga | cgtgcctggg | 240 |
| cctggcctgg | tttgtatttc | agcagtcaga | aaaatttgca | aaggtggaaa | accaatacca | 300 |
| gttactgaaa | ctagaaacca | atgaattcca | acaacttcaa | agtaaaatca | gtttaatttc | 360 |

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|------------|------|
| agaaaagtgg | cagaaatctg | aagctatcat | ggaacaattg | aagtcttttc | aaataattgc | 420 |
| tcatctaaag | cgtctacagg | aagaaattaa | tgaggtaaaa | acttgggtcca | ataggataac | 480 |
| tgaaaaacag | gatatactga | acaacagtct | gacgacgctt | tctcaagaca | ttacaaaagt | 540 |
| agaccaaagt | acaacttcca | tgacaaaaga | tgttggtctc | aagattacaa | gtgtaaaaac | 600 |
| agatatacga | cggatttcag | gttttagtaac | tgatgtaata | tcattgacag | attctgtgca | 660 |
| agaactagaa | aataaaatag | agaaagtaga | aaaaaataca | gtaaaaaata | taggtgatct | 720 |
| tctttcaagc | agtattgatc | gaacagcaac | gctccgaaag | acagcatctg | aaaattcaca | 780 |
| aagaattaac | tctgttaaga | agacgctaac | cgaactaaag | agtgacttcg | acaaacatac | 840 |
| agatagattt | ctaagcttag | aagggtgacag | agccaaagt | ctgaagacag | tgacttttgc | 900 |
| aatgatcta | aaaccaaagg | tgtataatct | aaagaaggac | ttttcccggt | tagaaccatt | 960 |
| agtaaataat | tttaacactac | gcattggggag | attgggttacc | gacttactac | aaagagagaa | 1020 |
| agaaattgct | ttcttaagt | aaaaaatatc | taatttaaca | atagtccaag | ctgagattaa | 1080 |
| ggatattaaa | gatgaaatag | cacacatttc | atgatatgaa | ttagtttgac | gttattgaga | 1140 |
| ttagactaag | gtaatttttt | taatgggacc | tctcatgaga | agactggtaa | atcaaaaata | 1200 |
| atgatatttt | ggagcaaaaag | tcattttata | tttaatccta | ttttgtacag | taaaaataaa | 1260 |
| actttaaaac | aggttgattt | tccaaaataa | atatgctaaa | acctaataaaa | aaaaaa | 1316 |

<210> 2477

<211> 573

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(571)

<223> similar to gi5052670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2477

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tttcgtctgg | aggaaagccc | gtgtgggtcgc | tgacaaaagc | gacgggagca | ggtaaaccac | 60 |
| gggaacatgc | cagggcttca | gagcaccttc | ctagccatgg | acacggagga | gggggtagag | 120 |
| gtgggtgtgga | acgagctcca | cttcgggagac | aggaaggcct | tcgcggcgca | cgaggagaag | 180 |
| atccagaccg | tgttcgagca | gctgggtgctg | gtggaccacc | cgaacatcgt | gaagttgcac | 240 |
| aagtactggc | tgataacctc | tgaggcctgc | gcgagggtca | tcttcacac | agagtacgtg | 300 |
| tcatcaggca | gcctcaagca | attcctcaaa | aagaccaaga | agaaccacaa | ggccatgaac | 360 |
| gcccgggcct | ggaagcgctg | gtgcacgcag | atcctgtctg | cgctcagctt | cctgcacgcc | 420 |
| tgcaccccc | caatcatcca | cgggaacctg | accagcgaca | ccatcttcat | tcagcacaac | 480 |
| ggcctcatca | agatcggctc | cgtgtggcac | cgaatcttct | ccaatgcact | tccagatgat | 540 |
| ctccgaagcc | ccatccgcgc | tgagcgagag | gaa | | | 573 |

<210> 2478

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (80)...(452)
 <223> similar to gi790819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2478
tttcgtcggg ggcgggctcc accttcacct ctgccttctg ctctgcttca tgctgcccga 60
ggacgctgcc atggctgtgc tgacggcctc caaccacgtg agcaacgtca ccgtgaacta 120
caacatcacc gtggagcgga tgaacaggat gcagggcctg cgggtctcta cagtgccagc 180
cgtgctgtcc cccaatgcca cgctggcact gacggcgggc gtgctgggtg actcggccgt 240
ggaggtggcc ttcctgtgga cctttgggga tggggagcag gccctccacc agttccagcc 300
tccatacaac gagtccttcc cggttccaga cccctcgggt gcccaggtgc tggaggagca 360
caatgtcacc cacacctacg ctgccccagg tgagtacgtc ctgaccgtgc tggcatctaa 420
tgccttcgag aaccggacgc agcaggtgct gatccgcagt ggccgggtgc ccattgtgtc 480
cttggagtgt gtgtcctgca aggcacaggc cgtgtacgaa gtgagccgca gctcctacgt 540
gtacctggag ggcgcgtgcc tcaattgcag cagcggctcc aagcgagggc ggtgggctgc 600
acgtacgttc agcaacaaga cgctgggtgt ggatgagacc accacatcca cgggcagcgc 660
aagcatgtga ctggtgctgc ggcggggcgt gctgcgggac ggcgagggat acac 714
  
```

<210> 2479
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (298)...(426)
 <223> similar to gi4234 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2479
ttccccgggtc gacgatttctg tcgggcttcc cgccggccaa gagattccgg ccaggctctg 60
gacctccgag ccgcgctggg tccttccctc ccgggaggca agtggtgatg ctgctgactg 120
cgggcagcgg cggcagagga ggaggaggag gccggaggca gcagccgccc ctggcccagc 180
cctcggccag tccctaccct gaagctgtgg agctgcagcg ccggagtctg cccatcttcc 240
aagcgcgggg gcaactgttg gccagctcc gaaacctgga caacgcggtc ctcctcggtt 300
ggctatacag tgcgctttga tgatgtcacc tcagaagaca ccaggatcaa gtttctgaca 360
gatggcatgc ttctgcgtga agcaatttca gactctttgg ttccgaaata caagtgggtc 420
atatt 425
  
```

<210> 2480
 <211> 703
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(704)

<223> similar to gi1504006 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2480

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| cctgccccct | tggctgaggg | ggccttcttg | gctgaggcta | gcctcttgaa | gctgtcccct | 60 |
| gcaacaccta | cttctgaggg | tccaaagggtg | gtgagcgtac | agttgggtga | tggtacaagg | 120 |
| ctgaaaggca | ctgtgctgcc | tgtggccacc | atccagaacg | ccagtactgc | catgctgatg | 180 |
| gcagccagtg | tggctcgcaa | ggctgtggtg | ctgcctgggg | ggactgccac | cagccctaag | 240 |
| atgattgcta | agaacgtgct | aggcctggtg | ccccaaagccc | tgctaaggc | tgacgggcgg | 300 |
| gcagggctgg | ggactggggg | acagaagggtg | aatgggtcct | cggtggtgat | ggtgcaacct | 360 |
| tcaaagacag | ctactgggcc | aagtacaggg | ggcggcacag | tgatatcacg | gacccagtcc | 420 |
| agcctgggtg | aggccttcaa | caagatcctc | aacagcaaga | acctgctccc | tgcttatagg | 480 |
| ccaaacctga | gcccaccagc | tgaggctggg | ctggccctgc | ctcccaccgg | ctaccgctgc | 540 |
| ctggagtgtg | gggatgcctt | ctcattggag | aagagcctgg | cacggcacta | tgaccgtcgg | 600 |
| agcatgcgca | tcgaggtcac | ctgcaaccac | tgcgcccggc | gcctggtctt | cttcaacaag | 660 |
| tgcagcctgc | tcttgcctgc | acgtgaacac | aaggacaagg | ggc | | 703 |

<210> 2481

<211> 557

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (213)...(560)

<223> similar to gi5689561 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2481

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ccggacttcc | cgggtcgacg | atttcgtctg | gccgggaacg | cacacaacgt | caaagcagtg | 60 |
| aataagcgat | ttctgcagtt | cccgtagctg | ccagcctgtg | cagtcctctg | tgatgcttgg | 120 |
| ggaccggctc | ctcggtcaca | ccccagtcct | gctctgaagg | ttgccgtttt | ccaaacagaa | 180 |
| ggatggtagc | tagaggggag | atagcaagat | tctggagtct | ggaaagcctt | cacttggttt | 240 |
| cttcagatgg | aggtactgag | ccctctgcct | tagtggatga | caacggtagt | gaggaggact | 300 |
| tcagctatga | agacctctgc | caggccagcc | ctcggtacct | gcagcccggc | ggggagcagc | 360 |
| tggccatcaa | tgagctgata | agtgatggca | acgtgggtctg | cgcagaagcc | ctgtgggacc | 420 |
| atgtgaacat | ggatgaccag | gaactgggct | tcaaagccgg | ggatgtcatc | caggttctgg | 480 |
| aagcctccaa | caaggactgg | tggtggggcc | gcagtgaaga | taaggaagcc | tggttccccg | 540 |
| cgagcttcgt | cagattg | | | | | 557 |

<210> 2482
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(397)
 <223> similar to gill176422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2482

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| gctccccgctg | ctgggggaga | gctgggtttt | catggggcgg | cagccgaggc | aggacccgca | 60 |
| gccatgaacc | gcttcaatgg | gctctgcaag | gtgtgctcgg | agcgccgcta | ccgccagatc | 120 |
| accatcccga | ggggaaagga | cggctttggc | ttcaccatct | gctgcgactc | tccagttcga | 180 |
| gtccaggccg | tggattccgg | gggtccggcg | gaacgggcag | ggctgcagca | gctggacacg | 240 |
| gtgctgcagc | tgaatgagag | gcctgtggag | cactggaaat | gtgtggagct | ggccccacgag | 300 |
| atccggagct | gccccagtga | gatcctccta | ctcgtgtggc | gcatggtccc | ccagggtcaag | 360 |
| ccaggaccag | atggcggggt | cctgcggcgg | gcctcctgca | agtcgacaca | tgacctccag | 420 |
| tcacccccca | acaaacggga | gaagaactgc | acccatgggg | tccaggcacg | gcctgaagca | 480 |
| gcgccacagc | tgccacctgg | t | | | | 501 |

<210> 2483
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (56)...(145)
 <223> similar to gi3687907 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2483

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ccacagccgt | gggtgggatg | tgtggtgtcc | aggggtgcac | tgaaatactc | tgtctttgca | 60 |
| gattcatgag | aagcttcgct | attatgaaag | gcaaagtcca | accccagttc | tgacacagcg | 120 |
| tgtggccctc | gctgaggacg | taagccccag | gtttctcctt | acaggggctg | ccccactccc | 180 |
| caccctgtag | ggctccttca | tcttgccctg | cttgcttagg | ggggggacac | cgggaatcag | 240 |
| gagcccaaag | gtgaagaggt | gttttcttcc | cttgctctcc | tccttctctt | cctctctctg | 300 |
| ggttccccga | aaggtaggga | ggaacccgtg | agccttgga | tgggctggga | gacactgtga | 360 |
| catggagctg | cccacttact | gtgtgttctt | tagcaagtct | gcttctctg | ctgtaaatga | 420 |
| gagcattgga | t | | | | | 431 |

<210> 2484
 <211> 1872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(1055)
 <223> similar to gi3327080 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2484

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| cccggaaattc | ctgggtcgac | tatttcgtgg | aaaggctgcc | actctgcatg | tgcacagtga | 60 |
| ccagaagccc | cttcacgatg | gggccctcgg | gtcgcagcag | aacttggttc | gcatgaagga | 120 |
| ggcgctgagg | gccagcacca | tggacgtcac | cgtggctctg | cctagtgggc | tggaagaagag | 180 |
| gagcgtgctc | aatgggagcc | atgcgatgat | ggacctactg | gttgaacttt | gccttcagaa | 240 |
| ccacctgaat | ccatcccacc | atgcccttga | aattcggtct | tcagaaaccc | aacaaccttt | 300 |
| gagttttaag | ccaaataactt | tgattgggac | cctgaatgtg | catactgtgt | ttctgaaaga | 360 |
| aaaagttcct | gaagagaagg | ttaagcctgg | tccccctaag | gtgcctgaga | aatctgtgcg | 420 |
| tttggtcgtg | aattacctgc | ggacacaaaa | agctgtttgtg | cgtgtgagcc | ctgagggttcc | 480 |
| tctccagaat | attctcccag | tcatttgtgc | aaagtgtgag | gtcagcccag | agcacgtggt | 540 |
| tctcctcagg | gacaacattg | ccggagagga | gctggagctg | tccaagtccc | tgaacgagct | 600 |
| cgggataaag | gagctctacg | cgtgggacaa | cagaagagaa | accttttagga | aatcatcact | 660 |
| tggcaatgat | gagacagata | aagagaagaa | aaaatttctg | ggatttttca | aagttaataa | 720 |
| aagaagcaat | agtaagggtc | gtttaacgac | ccccaaactcc | ccatccatgc | actcacgttc | 780 |
| tcttacgtcg | ggtccatccc | tctcgctggg | cagcatctca | ggggtgtccg | tgaagtcgga | 840 |
| gatgaagaag | cgccgagccc | ctcctcctcc | aggttcaggg | ccacctgtgc | aagacaaggc | 900 |
| atcggaaaag | gtatctcttg | ggtcacagat | tgattttacag | aagaagaagc | ggcgagcgcc | 960 |
| agctccccct | ccaccacagc | caccaccacc | gagteccctg | atcccccaacc | gcactgagga | 1020 |
| taaggaggag | aacaggaaga | gcacgatggt | ttattgctgt | gcgtcattcc | ctactcaggc | 1080 |
| caagcgcttc | tgatggacgg | gcctcttctc | gacctcggac | ctttcccagt | gtctcttctg | 1140 |
| ccctggctct | gatttttctg | ttgttcttcc | tcctttcagg | ataaaaagggc | tcattgtata | 1200 |
| cccagaattt | acttcctttg | gggtttacat | ataaatgcat | taataacaga | gatttgtttg | 1260 |
| attgagggtt | atattttttt | gaaggaggta | aattatatgc | aaatttttagg | ttgataatat | 1320 |
| tcacctgtct | gaaattcact | gatacttgga | aatgttcctg | tgaagaactc | tgctttattt | 1380 |
| taattcatta | ttaattcatg | tttttcttat | tggatattca | gttccagaat | ttattgccaa | 1440 |
| tttttcttaa | aactagattg | tatccataaa | ttgaccagta | tagtcaattt | ggatagaact | 1500 |
| gaaactttct | gtctacctgg | taaaactaag | tgcctaaaaa | catgaactat | aaatgtagtt | 1560 |
| actaggaact | cacaacttat | atatactatc | cattcaatga | tacataggac | ccaatgtctt | 1620 |
| tgtgtttttg | aggttttcct | gttactgtgt | actttgccat | tttacatagt | tcactaaaaa | 1680 |
| gaaagaagtg | ggagaagaag | gggggtctat | tcattattct | atattatgat | tctcttcatt | 1740 |
| attctgttct | cttcattatt | ctattcattt | cttcacccat | ttattcacta | aacagtgaca | 1800 |
| tagtacttac | ttgatgctag | gtattacacc | agttttgtgg | gctataagag | tgaataacaa | 1860 |
| gcacgtgacc | tt | | | | | 1872 |

<210> 2485
 <211> 740
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(712)

<223> similar to gi798832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2485

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| gggccgacga | tttcgtggtc | cagcacctgt | gtgctccctt | gaggccgagc | ggggccctga | 60 |
| tgggcgtagc | tttgttattg | ccaccactcg | gcagcgccctc | ttccagttca | taggccgagc | 120 |
| agcagagggg | gctgaggccc | agggtttctc | agggctcttt | gcagcttaca | cggaccaccc | 180 |
| acccccattc | cgtgagtttc | ccagcaacct | gggctacagt | gagttggcct | tctacacccc | 240 |
| caagctgcgc | tccgcacccc | gggccttcgc | ctggatgatg | ggggatgggtg | tgttgtatgg | 300 |
| ggcattggac | tgtgggcgcc | ctgactctct | gctgagcgag | gagcgagtct | gggagtaccc | 360 |
| agagggggta | gggcatgggg | ccagcccacc | cctagccatc | gtcttgaccc | agttccactt | 420 |
| catgctgcta | ctggcagacc | gggtggaggc | agtgtgcaca | ctgaccgggc | aggtgggtgct | 480 |
| gcgggatcac | ttcctggaga | aatttgggcc | gctgaagcac | atgggtgaagg | actcctccac | 540 |
| aggccagctg | tgggcctaca | gtgagcgggc | tgtcttccgg | taccacgtgc | aacggggaggc | 600 |
| tcgagatgtc | tggcgcacct | atctggacat | gagccgcttc | gatctggcca | aagagtattg | 660 |
| tcgagagcgg | accaactgcc | tggacacggt | cctggcccgg | gaggccgatt | tctgacgaaa | 720 |
| tcgtcgaccc | aggaaatcgg | | | | | 740 |

<210> 2486

<211> 1692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1693)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (8)...(494)

<223> similar to gi4760778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2486

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gtacggctac | acgccccgcg | cccgccctgt | gccaggaat | actttctcca | ggaaggcttt | 60 |
| caagctgaag | aagccctcca | aatactgcag | ctggaaatgt | gctgccctct | ccgccattgc | 120 |
| cgcggccctc | ctcttggtca | ttttgctggc | gtatttcata | gcaatgcac | tgctcggact | 180 |
| caattggcaa | ctccagcctg | cagatgggca | cacctttaac | aatgggataa | ggaccggcct | 240 |
| accaggaaac | gatgatgtgg | caacaatgcc | atctggaggc | aaagtgcct | ggtcgttgaa | 300 |
| aaacagcagc | atagacagtg | gtgaagcaga | agttggtcgg | tgggtaacac | aagaagtccc | 360 |
| accaggggtg | ttttggaggt | cacaaattca | catcagtcag | ccccagttct | taaagttcaa | 420 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|------|
| catctccctc | gggaaggacg | ctctcttttg | tgtttacata | agaagaggac | ttccaccatc | 480 |
| tcatgcccag | tgcccattga | ctagtcacat | aggctccact | gggcctcacc | tttcacatgg | 540 |
| agctgaaatg | tggaggcaat | gccagggttt | ggctgtcagc | ttgcatagca | catcaaatcg | 600 |
| cgctttgcag | aagccctga | tacgaagttt | catttcattt | tggaggaagc | cagatcttta | 660 |
| caggcatgtt | tttcagaacc | ttcctttcca | aaggagctcg | agctgtagag | aacgattgtg | 720 |
| tgaaaccaag | agaaccttgg | tttcttctga | actggactga | aagtgtcttt | ggaaaggact | 780 |
| ttctggacag | acctcttctg | gttagctggg | ggcatcctaa | caggagacag | gaactgaaac | 840 |
| tgccatctga | gtcagtgggc | acctcctctg | acagctactg | agcagagcaa | ggagaaatct | 900 |
| catggcatgc | ttgagtctgg | aaagagaacc | ggtgtgaagg | gtgcacagga | gggcaccatg | 960 |
| gatgttttac | aagaaagaca | aggcttgagt | tcatgggaac | tgagagagaa | gcagcaacag | 1020 |
| agaaaacagg | atgagttcag | acgggcagca | ccaaatcaca | tnattagaca | gaggagaggc | 1080 |
| ttggagtgtc | gtaattcagg | agtttgcaac | tttctaagca | aagacctttt | tcctcagtga | 1140 |
| aatctatata | gaccttgata | taaaaagacg | aaggatagtt | tggtacctag | agttacaggt | 1200 |
| caaatcatgg | ttagattata | ggttaaacc | tggtaggtag | ggtgggggta | aaaaacaccc | 1260 |
| tgctgtattg | gcaggaagag | aaggaagaga | tcgagacggt | aaatataaga | ggggggcgct | 1320 |
| ataagaatcc | cggggggccc | attctccggc | gggaggaagt | aattttcctt | ctaggggagg | 1380 |
| aaataaaaga | gcgggactgg | ggaagacctt | cttgtggggg | ggtagggggc | acctctcgca | 1440 |
| aatgacggg | aggagataga | tattatgtga | gtgtgtgacg | gctcgtcgtg | gcgcgggaag | 1500 |
| tgtgctcgtg | caggaggaag | aaatacaccc | cgggcgcgtg | aagcgcgtga | tcaacgggat | 1560 |
| gaaggtgggc | ttaacgatgg | ttgtgggtatc | gtgcgagaga | gcgggtgcgc | gatgacgacg | 1620 |
| agtcgcgcag | gagacagagt | tggtattgga | aggaggtgaa | tcgtatgagg | tgatggtggg | 1680 |
| gacaggtcgg | ga | | | | | 1692 |

<210> 2487

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (156)...(503)

<223> similar to gi2511715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2487

| | | | | | | |
|------------|------------|------------|-------------|-------------|-------------|-----|
| tttcgtctgg | atgctgcgat | cccgagcac | cctccagcct | tgagaagca | gccaccatgc | 60 |
| cagtctctaa | gtgcccataa | aagtcggagt | ccctgtggaa | ggggtgggac | cggaaggccc | 120 |
| agaggaacgg | cctgcggagc | caggatatac | ctgtgaatgg | cgactactat | gtgggcgagt | 180 |
| ggaaggacaa | cgtgaaacac | gggaaaggaa | cacaggtctg | gaagaagaaa | ggagccatct | 240 |
| atgaggggga | ctggaagttt | gggaagcgag | acggctacgg | cacctcagc | cttcttgacc | 300 |
| aacagacagg | aaagtgcagg | agagtctact | caggctgggtg | gaaaggtgat | aagaaatcgg | 360 |
| gttatgggat | ccagtttttc | ggacccaagg | agtattatga | gggtgactgg | tgtggcagcc | 420 |
| agcgcagcgg | gtggggccgc | atgtattaca | gcaacggcga | catctacgag | ggacagtggtg | 480 |
| agaacgacaa | gcccacggg | gagggcatgc | tgcgcctgag | tcaaaatcct | agacctgat | 540 |
| ggtgtgctgg | cggaggccct | ggccatgttc | aggaagacag | aggaaggaga | ttgatgccag | 600 |
| agaacacaaa | cgcttcagga | gaaattcaag | cctgtgtcac | ccgatcgctc | agaccagtgc | 660 |
| ggctctggct | ggaggagtca | gcagcagctc | caggcatgac | cccggcacc | tcatagggcc | 720 |
| cctcactacc | cccagcactg | ggtcatttct | tgccaatagg | aaggctgggtg | cttctctccc | 780 |
| aggctgtcct | cgggacctc | ttcattctct | gatctcatcc | tggaaatgcat | gagaataaag | 840 |
| aataaccaag | tggtataagc | ctgggcctat | gggataagga | tggggcactc | gagggggctc | 900 |

agcagggttt tcaggttttag aagaggggaag acctgccttg gctgggctgc ctgggttta

959

<210> 2488

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(394)

<223> similar to gi7286 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2488

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| atccctcggg | tcgacgattt | cgacagactg | ggccaatcat | tacctagcca | aatccggcca | 60 |
| caagcgtctc | atcagggatc | tccagcaaga | tgtgacagat | ggcgtgctcc | tggcccagat | 120 |
| tatccagggt | gtggcaaatg | aaaagattga | agacatcaat | ggctgtccga | agaacagatc | 180 |
| ccaaatgatt | gaaaacatag | atgcctgctt | gaatttcttg | gcagctaagg | gaataaacat | 240 |
| ccaggggctg | tctgcagaag | agatcaagaa | tggaaacctc | aaggccattc | taggcctctt | 300 |
| cttcagcctc | tcccataca | agcagcagca | gcagcagccc | cagaagcagc | acctctcctc | 360 |
| acctctgccg | cccgccttat | cccaggtggc | cggggccccc | tcccagtgcc | aggctggcac | 420 |
| ccctcagcaa | gccccagggg | tgccagtcac | tccccaaagg | ccgtgccagc | ctcaccagcc | 480 |
| agcaccacat | cagcagtcaa | aagcacaagc | tgaaatgcag | tccagacttc | caggtcctac | 540 |
| cgcgagggtg | tccgctgcag | gcagcgaggc | caaaacacgc | ggagggtcaa | ctactgctaa | 600 |
| caaccgacgc | agccagagct | ttaacaacta | tgataaatcc | aaaccagtca | cctccccacc | 660 |
| cccaccgcca | agcagccacg | agaaagagcc | tttggaagt | tcagcctcct | cccaccccg | 720 |
| aatgagtgac | aatgcacctg | cttccttgga | gagcggcagc | agctccacc | ctactaattg | 780 |
| cagtacctac | tcgggcatac | cgcattccgg | tgcagccacc | aagccttggc | gcagcaaate | 840 |
| cctcagcgtg | aagcacagtg | ccacggtatc | catgctctcg | gtcaagcctc | ctgggcctga | 900 |
| ggccccccag | cccacacctg | aagccatgaa | gccggccccc | aacaatcaga | agtccatgct | 960 |
| ggaaaagctg | aaacttttca | acagtaaagg | ggggtcaaa | gcagggtgag | ggccggggtc | 1020 |
| ccgggacaca | agctgtgagc | ggctggagac | tctgcccagc | ttcgaagaga | gcgaggagct | 1080 |
| ggaggccgcc | agtcgcatgc | tcaccaccgt | gggcccctgt | tccagcagcc | ccaagattgc | 1140 |
| actcaagggc | attgcccgca | ggacttttag | ccgggcactg | accaacaaga | agagttctct | 1200 |
| gaaagggaat | gagaaaggga | aagaga | | | | 1226 |

<210> 2489

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(160)

<223> similar to gi3327214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2489
cgggagtgct acgaggcctt cctggacata gtgcgaagcc tgctgaaggg cagcatcgac      60
cccacacagt acaaggacac cctacgcgag atgttcacca tccatgccta cgtgggcttc      120
accatggaca agctggtgca gaacattgcg cggcaggtga gccgggcccgg ggtggggccg      180
gccctgagga cggcgggaaat ggctctacca tcatttcact ccccgctcgg gagggggccc      240
gtggtcagca cagcaaacct atcctgtttt ttcttaattg atacaaaatt cgcataacgt      300
aaaattaacc attttgaagt gtacagtttg gtaacatttg gtacattcac aatattgtgc      360
aaccaccacc tctgtctagt tccagaacat ttcattcttc caaaaggaga ccccatcccc      420
atcagcagcc actggccatt cccctgcccc                                     450

```

```

<210> 2490
<211> 453
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(454)
<223> similar to gi558637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2490
ggtcgacgat ttcgcccgcc gtcggacgag gagcgggagc cgtgggagcc gtggacgcag      60
ctgcgcctgt cgggccacct gaagccgctg cactacaatc tgatgctcac cgccttcacg      120
gagaacttca ccttctccgg ggaggtcaac gtggagatcg cgtgccggaa cgccaccgcg      180
tacgtagtgc tgcacgcttc ccgagtggcg gtggagaaaag tgcagctggc cgaggaccgg      240
gcgttcgggg ctgtccctgt agccggtttt ttctctacc cgcaaaccga ggtcttagtg      300
gtggtgctga ataggacact ggacgcgcag aggaattaca atctgaagat tatctacaac      360
gcgctcatcg agaatgagct cctgggcttc tttcgcagct cctatgtgct ccacggggag      420
agaagattcc ttggggttac tcagttttcg cct                                     453

```

```

<210> 2491
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (419)...(781)
<223> similar to gi2285790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2491
tttcgtggcg gcgctccggc tctgaagggc tttagcctta cggagccccg ggccaaacgg      60
tgcctgcggt gcctgagctg agtgaggccg aggcggggag gccgtgcccc gagtaaggcg      120
aaagagaatg aaagacgtag ataacctcaa aagtataaaa gaagaatgag tctctctctg      180
tcgccaggct ggagtgcagt ggcatgatct cggctcactg caacctccgc ctcccagggt      240
caagcgattc ttctgcctca gcctcctgag tagctgggac tacagggttt gtgaaacagg      300
atctgataat caacctcttg gtaataatca acaatcaaatt tgtgaatatt ttgttgatag      360
cctttttgag gaagctcaga aggttagttc caaatgtgtg tctcccgcgtg aacagaagaa      420
acaggtagat gtaaatataa aattatggaa aaacggattc accgtcaacg acgatttcag      480
aagttattcc gatggtgccca gtcagcagtt tttgaactcc atcaaaaagg gggaattacc      540
ttcagaatta caggggaattt ttgataaaga agaggtggac gttaaagttg aagacaagaa      600
aaatgaaata tgtttgtcta cgaagcctgt gttccagccc ttttcaggac agggtcacag      660
actaggaagt gccacaccaa aaattgtttc taaagcaaag aatattgaag ttgaaaataa      720
aaataatttg tctgctgttc cactgaacaa cttggaaccc attactaata tacagatctg      780
gg

```

```

<210> 2492
<211> 771
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(431)
<223> similar to gi8615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2492
ccgcctgccc caagactgtg tctgccagaa tctgtctgag tcaactgggga ccctgtgccc      60
ctccaagggg ctgctctttg taccacctga tattgaccgg cggacagtgg agctgcgcct      120
gggcgggaac ttcattcatcc acatcagccg ccaggacttt gccaacatga cggggctggg      180
ggacctgacc ctgtccagga acaccatcag ccacatccag cctttttcct ttctggacct      240
cgagagcctc cgctccctgc atcttgacag caatcggtg ccaagccttg gggaggacac      300
cctccggggc ctggtcaacc tgcagcacct tatcgtgaac aacaaccagc tgggcggcat      360
cgcagatgag gcttttgagg acttctgtgt gacattggag gatctggacc tctcctacaa      420
caacctccat gggcctgccc tgggactccg tggcgacgca tgggttcaac ctccaccag      480
ctgagcctgg accacaacct ggtggatcac atcgctcgag gcacctttgc agacctgcag      540
aaactggccc gcctggatct cacctccaat cggttgcata agctgcccc tgatcccatc      600
tttcccgcgt cccaggcttc cgctttgaca gacacacct ttgccccacc cttgtccttt      660
atttttgggg gtaaccact tcaactgcaat tgagagcttc tctggctgcg gaggtctgat      720
cgggacgaaa ccctggaaac ttgtggttct ccagtgggcg tcaaggtct t      771

```

```

<210> 2493

```


<211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (434)...(217)
 <223> similar to gi3242789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2493

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| tttcgtggaa | aggtagatac | gtatatggag | tgaggggaat | aggaggattt | gtggcattat | 60 |
| ctggaacaac | cagtctctag | atgcagagag | gggaggcaca | gagcggggag | tctagtgtctg | 120 |
| cggggccaaa | gccttcaaag | gggatatggg | cgcattgtggc | atgtctggcc | agggtctggt | 180 |
| acctttgggt | atctggcaca | tctgtcaccc | gtcggggctg | agtagatctc | cctgaggcga | 240 |
| gtggtccagg | gccctgtctg | ccggatgtgc | aggctaagcg | tgtcctcatg | gggcgcagag | 300 |
| gtcagtgtga | aggggtggta | ctcgggtggc | cccagagcca | ggcaagcgat | ccgcacccac | 360 |
| tgccttgact | tgtactcaaa | gccctggngc | ccgctggaac | cgcaggtggg | tcactcctgg | 420 |
| ggagggatgg | tggg | | | | | 434 |

<210> 2494
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (304)...(564)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2494

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atTTTTgaag | agtataggtg | tcagatcttt | ttcaagaaca | tcagaaaatg | atcgaatacc | 60 |
| acatacctgt | gtcattcaaa | gatgtggttg | tgggcttcac | ccaagaggag | tggcaccggc | 120 |
| tgagtctctg | tcagagggcc | ctgtaccggg | atgtgatgct | ggaaacctat | agcaacctcg | 180 |
| tctcagtggg | ttatgaaggc | accaaaccag | atgtgatcct | cagactggag | caggaagaag | 240 |
| caccatggat | tggtgaggca | gcatgcccgg | gctgccactg | ttgggatgga | gtttcactct | 300 |
| gtgcccagg | ccggagtgc | atggcatgat | ctcagctcac | tgcagcctcc | tcctcctggg | 360 |
| ttcaagcgat | tctcctgcct | cagcctcccg | agtagctggg | actacaggtg | tgtgccacca | 420 |
| cgcccagctt | atTTTctatt | tttagtagag | actgggtttc | atcatgttgg | tcaggctagt | 480 |
| cttgaactcc | tgacgtcaga | tgatccacct | gcctcggcct | cccaaatgc | tgggattaca | 540 |
| ggcgtgagcc | accgcgccca | gcttcaaaat | atTTTcaa | | | 578 |

<210> 2495
 <211> 846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (76)...(847)
 <223> similar to gi4589676 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2495

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| gaattcccg | gtcgacgatt | togtatgact | ttggctgcc | agctggaaga | ctttgagctg | 60 |
| acactggagc | acctgctcat | ggatgtgttt | atgacggagg | gccgccgatg | tcaagtacat | 120 |
| cttcttgatg | acaggaagct | ggaactccta | gtacagccca | agctgttggc | caaggagctt | 180 |
| cttgaccttg | tggcttctca | cttcaatctg | aaggaaaagg | agtactttgg | aatagcattc | 240 |
| acagatgaaa | cgggacactt | aaactggctt | cagctagatc | gaagagtatt | ggaacatgac | 300 |
| ttccctaaaa | agtcaggacc | cgtggtttta | tacttttttg | tcagggttcta | tatagaaagc | 360 |
| atctcatacc | tgaaggataa | tgctaccatt | gagcttttct | ttctgaacgc | gaagtcctgc | 420 |
| atctacaagg | agcttattga | cgttgacagc | gaagtgggtg | ttgaattagc | ttcctatatt | 480 |
| ttacaggagg | caaagggaga | tttttctagc | aatgaagtgt | tgaggagtga | cttgaagaag | 540 |
| ctgccagccc | ttcccaccca | agccctgaag | gagcaccctt | ccctggccta | ctgtgaagac | 600 |
| agagtcattg | agcactacaa | gaaactgaac | ggtcagacaa | gaggtcaagc | aatcgtaaag | 660 |
| tacatgagca | tcgtggagtc | tctcccaacc | tacgggggtc | actattatgc | agtgaaggac | 720 |
| aagcagggca | taccatgggtg | gctgggcctg | agctacaaaag | ggatcttcca | gtatgactac | 780 |
| catgataaag | tgaagccaag | aaagatatct | caatggagac | agttggaaaa | cctgtacttc | 840 |
| agagaa | | | | | | 846 |

<210> 2496
 <211> 646
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(477)
 <223> similar to gi5295850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2496

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcgagccctg | gacctctctg | tgacgtatcc | tccagagaac | ctgagagtga | tggtttccca | 60 |
| agcaaacagg | acagtcctgg | aaaaccttgg | gaacggcacg | tctctcccag | tactggaggg | 120 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| ccaaagcctg | tgcttggtct | gtgtcacaca | cagcagcccc | ccagccaggc | tgagctggac | 180 |
| ccagagggga | caggttctga | gcccctccca | gccctcagac | cccgggggtcc | tgagctggc | 240 |
| tcgggttcaa | gtggagcacg | aaggagagtt | cacctgccac | gctcggcacc | cactgggctc | 300 |
| ccagcacgtc | tctctcagcc | tctcgtgca | ctataagaag | ggactcatct | caacggcatt | 360 |
| ctccaacgga | gcgtttctgg | gaatcggc | caaggctctt | cttttctct | gcctggccct | 420 |
| gatcatcatg | aagattctac | cgaagagacg | gactcagaca | gaaaccccga | ggcccagggt | 480 |
| ctcccggcac | agcacgatcc | tggattacat | caatgtggtc | ccgacggctg | gccccctggc | 540 |
| tcagaagcgg | aatcagaaag | ccacaccaa | cagtctctcg | acccctcttc | caccaggtgc | 600 |
| tccctcccca | gaatcaaaga | agaaccagaa | aaagcagtat | cagttg | | 646 |

<210> 2497

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(473)

<223> similar to gi3881040 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2497

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tttcgtgggg | gtatgggct | gtgggtgggg | agaaagccta | gaccaggtg | gtcctgagct | 60 |
| gggtcccacc | ctccgagcca | tggtgcccc | ctgccagcta | ttgacacagc | tgcaagtgc | 120 |
| ccaggaagag | gagaaccggc | agctgctggc | tgaagttcag | gccctgagcc | gggagaacag | 180 |
| ggagctcctg | gagcgcagcc | tgagagtcg | ggaccacctg | caccgcgaac | agcgggagta | 240 |
| cctggaccag | cttaatgccc | tgcgccgcga | gaagcagaag | ctcgtggaga | agatcatgga | 300 |
| ccaataccgc | gtgctggagc | ctgtgcccct | gccccggacc | aagaaggcca | gctggctggc | 360 |
| agacaagggt | aagaggctga | tgcggccccc | gcgggagggg | ggccccctg | gggggctgcg | 420 |
| cctggggggc | gatggggctg | gcaacaccga | aagcctgggg | ggcccccccg | agacggaact | 480 |
| ttctgagggc | atggaagcaa | atgggaacag | ggtcccttcc | cccgcacccc | ttgggagggg | 540 |
| cccagagttc | cttttgcttg | cggg | | | | 564 |

<210> 2498

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(810)

<223> similar to gi1008988 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2498
tcacagga cctcaattct cctgcactgc tggagacag tgtgataaga caagcaaaag    60
cagctggaaa aagaatagtc ttttatggag atgaaacctg gggttaaatta ttcccaaagc    120
attttgtgga atatgatgga acaacctcat ttttcgtgtc agattacaca gaggtggata    180
ataatgtcac gaggcatttg gataaagtat taaaaagagg agattgggac atattaatcc    240
tccactacct ggggctggac cacattggcc acatttcagg gcccaacagc cccctgattg    300
ggcagaagct gagcgagatg gacagcgtgc tgatgaagat ccacacctca ctgcagtcga    360
aggagagaga gacgccttta cccaatttgc tggttctttg tggtgaccat ggcagtgtctg    420
aaacaggaag tcacggggcc tcctccaccg aggaggggaa tacacctctg attttaatca    480
gttctgcgtt tgaaaggaaa cccggtgata tccgacatcc aaagcacgtc caacagacgg    540
atgtggctgc gacactggcg atagcacttg gcttaccgat tccaaaagac agtgtaggga    600
gcctcctatt cccagttgtg gaaggaagac caatgagaga gcagttgaga tttttacatt    660
tgaatacagt gcagcttatt aaactgttgc aagagaatgt gccgtcatat gaaaaagatc    720
ctgggttga gcagtttaaa atgtcaaaaa gattgcatgg gaactggatc aaactgtact    780
tggaggaaaa gcattcagaa gtcctattca acctgg                                816

```

<210> 2499

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (540)...(731)

<223> similar to gi5706479 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2499
tttcgtcaca gccctgtcac gaatcccggg cgggttcttg gaggcacagc ctcgggggttg    60
cgggccgggt gcggtctcggc ggtggaggac tcacttcctg ctccatcccc ggctgggccc    120
tggggcgga aatgatgagc ttgataatgt ggctggggac ttcaggggag agtgggttac    180
ctggacactg cttagagaat cctctccagg aatgccaccc agcacagtta gaagaatggg    240
ctctcaaagg aatttccagg cctagtgtaa tctcccagcc ggagcagaaa gaagagccat    300
gggtcctacc actccaaaac tttgaggcga ggaagatccc gagggaaaagc cacacagact    360
gtgagcatca ggtggcaaaag ctcaatcagg acagttctga aacagcagaa caatgtggaa    420
catcctcaga aaggaccaat aaagatcttt ctcatactct tagttgggga ggaaactggg    480
agcaaggcct agaattagaa gggcaacatg gaaccttcc aggagagggc cagctggagt    540
ccttttcaca ggagagggat ttaaacaagc tcctggatgg atatgtagga gagaagccta    600
tgtgtgcaga atgcgggaaa agctttaacc agagtcccta tctcataaga cacctaagaa    660
cccacactgg cgagaggccc tatacgtgca ttgagtgtgg gaaaggcttc aaacagagct    720
cagacctt                                728

```

<210> 2500

<211> 1717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(1718)

<223> similar to gi4589670 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2500

| | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|------|
| gtgccccggc | tgcgctgttg | cccggggcggc | cgacctccgt | gcgtgagcgc | cggcaggcac | 60 |
| cttgcgcgcg | cggaacctgc | tgacatggcc | aagcatggag | ccgacgagcc | atcctccagg | 120 |
| tcagggagtc | cggacagggg | aggtagggcc | tctgaggaca | gatcgctgct | tcatcagagg | 180 |
| ctggctgtcc | gggagctcat | cgacactgag | gtctcctact | tgcacatgct | ccagctctgt | 240 |
| gcctctgaca | tcaggagccg | cctccagcag | ttgccgcagg | gagatctgga | tgtcctgttc | 300 |
| tcaaacattg | atgatatcat | caaagtgaac | agcagattcc | tccatgatct | gcaggagaca | 360 |
| gcctccaagg | aagaggaaca | agtgcagcta | gttggttaaca | tatttttggg | attccaagag | 420 |
| gagttggagc | aagtctataa | ggtctactgt | gccagctacg | accaggcctt | gctactgggtg | 480 |
| gacacgtacc | ggaaggagcc | ggagctgcag | cggcacatcc | agggcatcgt | tgaggcggtg | 540 |
| gtgccgcaag | ctggatcttc | aggcctcagt | ttcttgctgg | taattcctct | gcagaggatc | 600 |
| accaggtacc | cactgtgtgt | gcagaaaatc | ctggagaaca | cagtccctga | tgccagtgcc | 660 |
| tatcctgtcc | ttcagagggc | tgtctctgtc | ctccaggacg | tgaacaccaa | tatcaatgag | 720 |
| tacaagatgc | gcaagggaag | ggcctccaag | tacaccaagg | tagagcagct | gacctccgg | 780 |
| gagcggctgg | cccgcaccaa | cacacacacc | ctctccaaga | agaccaccgc | gctgagccag | 840 |
| ctgctgaagc | aggaggcggg | gctgatcccc | aggacagaag | acaaggaatt | tgatgattta | 900 |
| gaagagaggt | tccagtgggt | gtctctgtgt | gtgactgagc | tgaagaacaa | cgtggctgct | 960 |
| tacctggaca | atctgcaggc | tttcctctac | ttcaggccgc | acgaatacaa | tctggacatc | 1020 |
| cccgaggggc | ctgcagtgca | gtattgcaat | ttggcaagag | accttcacct | tgaggccttc | 1080 |
| ctgaaattta | agcaacggct | agaaggcctg | gtgtggcagc | cactgtgcag | cctggccaaa | 1140 |
| gccctgcttg | gccctcagaa | cctgatcaag | aagcgtctgg | acaagctact | ggactttgag | 1200 |
| cgggtggaag | agaagctgct | ggaggtgggc | agtgtgacct | accaggagga | ggccgcccgc | 1260 |
| cacacatacc | aggcactcaa | ctcgctgcta | gtggctgagc | tcccacagtt | taaccagctg | 1320 |
| gtcatgcagt | ggctgggcca | gatcatgtgc | acattcgtga | ccctccagag | ggaccttgca | 1380 |
| aagcaagtgc | tgcagagggc | agaggggaagc | atggcccagc | tgccccacca | ccacgtccca | 1440 |
| gagcctgcct | tcaggaagct | ggtggaggac | gcactgggccc | ggacgagtaa | ccagcttcgc | 1500 |
| tcctttcaag | agacctttga | gaaagtgcag | ccacctccca | ccacacaacc | gctccttcca | 1560 |
| gggtctgaac | gccaggtgca | ggctctcctg | agcaggtatg | gccctgggaa | gctgtaccag | 1620 |
| gtgacaagca | acatcagtgg | gactgggact | ctggacctga | ctctgcctcg | gggccaatc | 1680 |
| gtggccatcc | ttcaaaacaa | ggacacccaa | ggcaaca | | | 1717 |

<210> 2501

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(286)

<223> similar to gi4929647 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2501
tttcgtcggg ggcctgccca gccgctgtgc ctgctgccct ggagcttaca ctccaggcgg      60
acgggtcccg ccgaggcaga gggaggctct gaagggtgtgc gctctttctc ttcttttctc      120
cacagatata gcaaacggca ccagttcagg ggggtaccgc ccgcctccca gaaccaaaga      180
agtcattcat aatggccaga ccgtgaaact taaatactgt ttcacctgca agattttccg      240
gccccctcgc gcctcccatt gcagcctttg tgataactgc gtaggcaaata cgggatgggc      300
aggactgtcc caagagaacc agactgagcc acaaggacct ctgatgggga gtgctggacc      360
ctgggggttc cttggccccc agatctcaga ttatggacca tcagagcagg aatgccttag      420
gggtcttctg accatcactc accttttaga ggcggaaagc caagcaccat cgtgaatatt      480
acaagcatga atggcagcct catggaaaga acctccagg tgaatctgag catatacagg      540
ggaacacctg ttctctttac ctcatataac aggcattagt gacagtcacg agacactgca      600
gtatgtatat ctttttatta ccagatgaga tattg                                     635

```

```

<210> 2502
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (215)...(563)
<223> similar to gi798946 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2502
aattcccggg tcgacgattt cgtggcggcg cccagttggg gcggggttcgt tcgcttcgcg      60
ttttggccag ggcgggggtc tgggcttttag gcaggtagta tttagtttca caatgtttgg      120
ggacctgttt gaagaggagt attcactgt gtctaataat cagtatggaa aagggaagaa      180
attaaagact aaagcttttg agccacctgc tcctagagaa ttcaccaatt taagcggaat      240
cagaaatcag ggtggaacct gttacctcaa ttcccttctt cagactcttc atttcacacc      300
tgaattcaga gaagctctat tttctcttgg cccagaagag cttgggtttgt ttgaagataa      360
ggataaaccg gatgcaaagg ttcgaatcat ccctttacag ttacagcgct tgtttgctca      420
gcttctgctc ttagaccagg aagctgcac cacagcagac ctactgaca gctttgggtg      480
gaccagtaat gaggaaatga ggcaacatga tgtgcaggaa ctgaatcgaa tcctcttcag      540
cgctttggaa acttcttttag ttgg                                     564

```

```

<210> 2503
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (283)...(499)

<223> similar to gi312212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2503
gttccccgct cgaccacgc gtccgagcaa aaccactctt cctaaaatgt tagaagctgc      60
tcttcgctta ccttggggcc tttgcattgg gagctgtttt tcacatcaaa gaatatgtgc      120
tgaatggaat tttagtattt tgctgtcggt ttaatatattt cgtctgggtc tcctcagttc      180
ttccagacgc tttctgagag aatgggggca ggagctctag ccactctgtc aagtaaagca      240
goggttcggc tgaagaaga catgaaaaag atagtggcag tgccattaaa tgaacagaag      300
gattttacct atcagaagtt atttgagtc agtctccaag aacttgaacg gcaggggctc      360
accgagaatg gcattccagc agtagtgtgg aatatagtgg aatatttgac gcagcatgga      420
cttacccaag aaggtctttt taggggtgaat ggtaacgtga aggtgggtga acaacttcga      480
ctgaagttcg agagtggg
```

<210> 2504

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (714)...(847)

<223> similar to gi4097712 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2504
cccagtccca cattgagccc tgatcccatc caagtccata gacttggcct ctgaccaaac      60
ctgaccctgc acttgtcact taagggtggc ccatattcag ctgagaccct gaaccgagct      120
ctgaccctgg cttctgactg aatctgtgac agactaaggc ctgaccctgg ccctatacca      180
cgtctccacc cgtgtcctca actgagtgtc gaccccaaac ctagacagcc ctacctgac      240
cttccccccag gcctgtcccc gccgcttcat ctcaaaagt gaaggtgagg agccggtaaa      300
caggtctgga gcctgggtctc agactcagcc tgagcaagct cagtctgggg tcattggggc      360
tgtaaccccc ggcaggccct tgtaggggat gcagggtctc accctagggg tataagggat      420
ttctgtgccc atcagaactt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      480
nnnnnnnnnn nnnnnnnnnn attttgcgtg tagcatatgt gatgacctg acttcacctc      540
cctggcgcca atatcctctt ctgtaaaatg gcttatgcat tacaagtga ggtcctgcca      600
gtgactacac ctagaggcat taagtgcctt tgtggactcc tgccctgcac ctcacctctc      660
ccagcttttt aacccctga ggaaccttct taccttgagt ccctcaccg ctacaggcca      720
tccatgagca gatgaactgc aaggagtatc aggaggacct ggccctgcgg gctcagaacg      780
atgcggtctg ccggcgccg tcagagatgt ttaaggtag gctggctcag ggtcgtggcc      840
tagcatcttt aagttctggg atccagtctg gggtagggag      880
```

<210> 2505
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(434)
 <223> similar to gill174187 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2505

| | |
|---|-----|
| gaattcgaga agaccaactg gatagtaatt tccagatgca atcagaaaaat ttctgtttctt | 60 |
| atatcttcac ccatgcaaag accaagaccc tgagagaggg aatccttgtc actggaaacc | 120 |
| ggctggggat gctgggtggag acctacctgg atgccatcaa cagtggagcg actccttgtc | 180 |
| tgagagaatgc aatggcagtt ctggcccagt gtgagaactc agcagccgtg cagagggcag | 240 |
| ccaaccacta cagccagcag atggcccagc aagtgagatt cccacagac acactccaag | 300 |
| agctgctgga cgtgcatgca gtttgtgaga gggaagccat tgcagtcttc atggagtact | 360 |
| cctttaaaga taaaagccag gaatttcaaa agatgcttgt ggacaccatg gagaaaaaga | 420 |
| aggaagactt t | 431 |

<210> 2506
 <211> 1066
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1067)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (28)...(149)
 <223> similar to gi2072784 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2506

| | |
|--|-----|
| tgaccctcgt aagngcgttg gaattccctc acctgtgtgg tcctcacctt cctggggccac | 60 |
| cgctgtctga aacggtttct ggtgcaaag ctgaggaggt ttctcaagcc tcagggccat | 120 |
| ccccgcctgc tgctctggtt taagaggtga gtgagctcac agccccgagg cagggcaggg | 180 |
| gagggcccct gagctgaggg gttggctcca ggggttatggc cagggctgga ggaggaggaa | 240 |

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|------|
| ggctctgtgt | catggagaac | tctctggcgc | cccagggcag | gagccagtgg | gtggcttcaa | 300 |
| acaaagcagc | atctttgtgg | tgtttcacca | gttcttagtc | ccagttacag | caggtgactg | 360 |
| tggtggacga | aaactggact | caacagtttc | ctccattcag | ggatcccagg | ccatggagca | 420 |
| aggagggccc | gaatcagtag | ctccctcaga | tcacctggac | agtgtgagac | aaaaagccgc | 480 |
| agggaccatc | cctggagggg | gattcagcag | gctcgatcgg | gggccagggtg | ctgggtatttt | 540 |
| tcattagcct | ccaggggatt | ctgatgtagc | cagcagcgtc | cttggacaac | agtttgagat | 600 |
| ctgctgcttt | tcaaactgga | ttccttggag | cgctggaaat | ctcagcgatg | tcacagggca | 660 |
| ggagaggggag | gttgtggagg | gaaaattcag | acttcccgcc | cagcccacca | tttcaccagg | 720 |
| cagctctaaa | tttatgtgtt | ttataagcca | aggttcacac | aaaaaagaaa | attcgctggg | 780 |
| gggaaaaaaa | cagtttctat | ggcttaaaaa | aaagtctgaa | gaccaccagt | ctattttcaat | 840 |
| actctatttt | gttgatgaag | aagctggtga | ccaaagatac | ccaaagacta | agtcagggggg | 900 |
| atgcaggggt | acaggggtgc | ctctcacttt | cccaaagtga | gatccacata | ccacagcaaa | 960 |
| atgatttgag | ccagcctgtg | gatgaacaca | tttaaaattt | tatttataaa | tacattttact | 1020 |
| gttacatttg | acttctcttt | attaaatata | tttgtgattt | ataaaa | | 1066 |

<210> 2507

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(597)

<223> similar to gi5924007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2507

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tacggggaat | tcgtcaccta | ccaaggggtg | gctgtgacgc | ggagccggaa | agaaggcatc | 60 |
| gcacacaact | acaaaaatga | gacggagtgg | agagcgaaca | tcgacacagt | gatggcgtgg | 120 |
| ttcacagagg | aggacctgga | tctggtcaca | ctctacttcg | gggagccgga | ctccacgggc | 180 |
| cacaggtacg | gccccgagtc | cccggagagg | agggagatgg | tgcggcaggt | ggaccggacc | 240 |
| gtgggctacc | tccgggagag | catcgcgcg | aaccacctca | cagaccgcct | caacctgatc | 300 |
| atcacatccg | accacggcat | gacgaccgtg | gacaaacggg | ctggcgacct | ggttgaattc | 360 |
| cacaagttcc | ccaacttcac | cttcggggac | atcgagtttg | agctcctgga | ctacggacca | 420 |
| aacgggatgc | tgctccctaa | agaagggagg | ctggagaagg | tgtacgatgc | cctcaaggac | 480 |
| gcccacccca | agctccacgt | ctacaagaag | gaggcggttc | ccgaggcctt | ccactacgcc | 540 |
| aacaacccca | gggtcacacc | cctgctgatg | tacagcgacc | ttggctacgt | catccatggg | 600 |
| gtgagtcgcc | tgctggaggc | accacctcca | ggggctccct | ccccaggctc | tgggtcttc | 659 |

<210> 2508

<211> 248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(251)

<223> similar to gi3877926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2508

```
ggctggtttc agtttccaag aaaagtgtgt cctacatggt aagcaaggag ggaggtggaa 60
acatctctgt cattgtcctt gggggtgcaa aagaatcact ggatgctcat cctggaaagt 120
tactctgttt catccgccag cggaaaggat ttgttaaaat tgctttgacc catggcgctt 180
ctctggtccc agtggtttct tttggtgaaa atgaactgtt taaacaaact gacaaccctg 240
aaggagcg 248
```

<210> 2509

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(171)

<223> similar to gil370222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2509

```
atctgttatg acaccttgcg cctgtccatc ccctccaccc tgcagcaacc tgggctggct 60
gagttatggt gctttgaagg gagacgggat cctcatcgtc gtcaacacag tgggtgctgc 120
gcttcagacc ctgtatatct tggcatatct gcattactgc cctcggaagg tagaggccct 180
cccttggaacc cacctatctg ctgcacgccc tgccttgctg gcagggcaaa cactatttcc 240
tagaagactg taacagctgg cactgccacc tttccagga aggcctctcc agccttgcaag 300
gtccccttcc tctatgaagc cagccttctg agatgaacac attgccccca tttaggcaag 360
gctggtagct ctgcctagcc tgagatgcct atgctgcctg ccctgggctt cagccaacaa 420
gctaagggga aagggttttt gtctctgata tttctttcag agg 463
```

<210> 2510

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (167)...(414)

<223> similar to gi5565866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2510
acgcgacttc tcgggtcgac ccacgcgtcc gcacatataa cacatcacgc accttttgag      60
tggctacctt gggtctcgcc tttcttttca agagaccatt cttcaacaga actgtaagga      120
ttctttcttg ctgaatcaga tgtgacgcat ccactttctg cgtttgaggt ctagcacata      180
ccgctccaag ggctttgacg tcacagtga gcactcacac ggaagctgga cgggcttcgg      240
tggggaagac ctgccacca tccccaaagg gttgaatact tttttcttg tcaacattgc      300
cactattttt gaatcaaaga atttcttttt gcctgggatt aaatggaatg gaatacttgg      360
cctatcttat gccacacttg ccaagccatc aagttctctg gagaccttct tc              412

```

```

<210> 2511
<211> 378
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (253)...(378)
<223> similar to gi5295850 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2511
aggtgacctt ccctggggcc agcgtgacca cgaacaagac cgtccatctc aacgtgtcct      60
gtgagtgctg ggccgggacg cctgggtccc tgatggggtg agcgtcaagc ctggacactg      120
ggtgctgggt ccggaatct gggctggtgg tggggtcagg aggacactgg ctctgccttc      180
cctgtttatg cggctcttgg ggacagacag ggccagtgtc ccagccctc acagtgatgc      240
gggtctccat gtctttctgt cccagaccgg cctcagaact tgaccatgac tgtcttccaa      300
ggagacggca cagtatccac agtcttggga aatggctcat ctctgtcact cccagagggc      360
cagtctctgc gcctggtn                                     378

```

```

<210> 2512
<211> 948
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (119)...(839)
<223> similar to gi1769467 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 2512
gggacaggac ccagagccgg ggcaagacct attccagcca gaacgggaag tggatcctag      60
ctggggccga ggccgagagc caagacttgg caagctacgc ttccagaacg atcacctctc      120
cgtgctgaag caggtcaaga aactcgagca ggctttgaag gatgggtcgg cagggctgga      180
tccccagtta ccagggaactt gttactcccc aactggccct cctgacaagg cagaggcagg      240
gtccaccctt cctgagaacc tgggagggcg gagtggtcga gaagtcagcc agaggggtcca      300
ccccctggac ctggaaggca gggagcccac ccctgagctt gtggaggaca ggaaagggttc      360
atgcagaagg ccctgggacc ggagccttga gaacgtgtat aggggctcgg agggttcccc      420
cacaaagccc ttcatacaacc ctctgccaaa accccggaga acgttcaaac atgccggaga      480
aggggacaaa gatgggaagc ctggcatcgg cttcaggaaa gagaaaagaa atctgcctcc      540
tctgccctct ctacctcccc cgcctctgcc ctctctctcc ccaccttcct ctgtgaacag      600
aagactgtgg accgggagac agaaatccag tgcagaccac agaaagtcct atgagtttga      660
agatttactg cagtcttcct ctgagagcag caggggtggc tggtagcgcg agactaagct      720
ggggctgaca cgcactttat cggaggagaa cgtctatgaa gacattctag atccgccaat      780
gaaggagaac ccttatgagg acatcgagtt acatgggtgc tgcctgggaa agaagtgtgt      840
cttgaatttt cctgcttctc ccacctcttc catccctgac acactcacca agcagtcatt      900
gtccaaacct gcttttttcc gacaaaattc agagaggagg aatgtatt      948

```

<210> 2513

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(536)

<223> similar to gi4176448 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2513
gggaaacctt tgtcccaaaa gcccatgtgt acagcaaaag caaatgaccc ggagtcagca      60
gatggatgaa ctctggagc tgcttattga aagcggagaa atgccagcag acgctagaga      120
ggatcactca tgtcttcaaa aagtcccaaa gatacccaga tcttcccga gtccaactgc      180
tgtctcacc aagccctcgg ctctctttga acaagcctct tcaggcagcc agatccccct      240
tgatccctat gccaccgaca gtgatgagca tcttgaagtc ttattaaatt ccagagccc      300
cctaggaaag atgagtgatg tcaccttctt aaaaattggg agcgaagagc ctcaatttga      360
tgggataatg gatggattct ctgggaaggc tgcagaagac ctcttcaatg cacatgagat      420
cttgccaggc cccctctctc caatgcagac acagttttca cctcttctg tggacagcaa      480
tgggctgcag ttaagcttca ctgaatctcc ctgggaaacc atggagtggc tggg      534

```

<210> 2514

<211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(583)
 <223> similar to gi3451308 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2514

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| atgtcagtga | gacttccacc | catcacaaag | tttgcagcag | aggaagctcg | tgaaagtgc | 60 |
| tgggatggta | tcattgcttg | ccatcaaggt | aagctatctt | gctcaacctg | gaattatcag | 120 |
| aaatctacaa | taggcgctta | ctttctcaag | ccaaaagagt | tgaagaaaga | tgacataact | 180 |
| gcaacagcag | tggatataac | ttcttgtgga | aactttgctg | taattggcct | ctcatcagga | 240 |
| actgtagatg | tatataacat | gcagtcctggc | atacatcgag | gaagttttgg | caaggatcaa | 300 |
| gctcacaagg | gatctggttag | aggtgtcgca | gtggatggat | taaaccagtt | gacagttaca | 360 |
| actggtagt | aaggattact | caaattctg | aactttaaaa | acaaaatttt | aatccattct | 420 |
| gtgagcctca | gttcatctac | aaatatcatg | ttgctacata | tggacagcgg | cattctggga | 480 |
| ctgcgcttgg | atgacttctc | cattattggt | ctggacatag | aaactatgaa | gattgtcaga | 540 |
| gagttttctg | gacaccaagg | ccaataaat | gacatggctt | tt | | 582 |

<210> 2515
 <211> 942
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(935)
 <223> similar to gil906596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2515

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| ccgtgtcgac | ccacgcgtcc | gagagaaagt | gggcaaactc | agcctggtgg | atttagctgg | 60 |
| cagtgaacga | gcaacgaaga | caggcgctgc | aggggacagg | ctgaaggaag | ggagcaacat | 120 |
| taacaagtcc | ctcacaaccc | tcggctctggt | tatctcagct | cttgacagatc | agagtgtctgg | 180 |
| caaaaacaag | aataaatttg | ttccatatcg | tgactcagtt | ctcacttggc | tgctcaaaga | 240 |
| cagcctcggg | ggtaacagca | agaccgccat | gggtggtact | gtgagtccctg | cagctgataa | 300 |
| ctatgatgaa | accctctcaa | ctctgcggta | tgcagatcga | gccaaagcaca | ttgtaaacca | 360 |
| cgctgtgggtg | aatgaggacc | ctaagccccg | aattatccgg | gatctccggg | aagaagttga | 420 |
| gaaactccgg | gagcagctga | ccaaagcaga | ggcaatgaaa | tctccagagc | taaaggaccg | 480 |
| gctggaagaa | tctgagaagc | taatccagga | aatgactgtg | acctgggagg | agaaattaag | 540 |
| gaaaacggag | gagattgcac | aggaacgaca | gaaacagctt | gagagtcttg | gaatatctct | 600 |
| tcagtcttcg | ggaatcaaag | ttggggatga | ttaaagcttc | cttggaatc | tgaatgctga | 660 |
| cccagctctg | aatgagcttc | tggtgtacta | tttaaaggaa | catacattga | tagggtcagc | 720 |
| aaattcccaa | gatatccaac | tgtgcggcat | gggaattctt | cctgaacact | gtattataga | 780 |

```

catcacgtca gaaggccagg ttatgctgac tcttcagaag aacaccagaa catttgtaaa 840
tgggtcatct gtctccagtc caatacacgt acaccatggg gacaggatat tatggggaaa 900
caatcatttc ttcagactca atttgccata aaaaaaaaaa aa 942

```

```

<210> 2516
<211> 614
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (23)...(487)
<223> similar to gi2113888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2516
ctcattacgc caagcttgcc acgaggagct gcccgacgcc gatgtggtca tctctcagcc 60
cttctggccc gcatatctca gtgcggagcg aattgccaag gcgccaagc tgaagctggc 120
attgacggcg ggaatcggct cggaccatgt tgacctggat gctgcgatca aggcgggtat 180
cacgctgcc gaggtgacgt actgcaacag catcagtgtg gctgagcatg ccgtcatgca 240
gaccttgcca ctggtgcgca attaccttcc gtcgcaccag tgggtggctg acggcggctg 300
gaacatcgcc gacagcgttg aacgcgccta cgaccttgag ggattcgatg tcggcatcat 360
cgcggcaggg cgcacgcggac aagcagtaat gcgtcggctc aagccatttg acgtgcggct 420
gcactacttc gacactcgtc gattgcctgc ccatgtggag caggagctgg ggctcaccta 480
tcacccaaac gtgcactcct ggtcagctct gggacatcgt cgacatcatc ccccgctgcag 540
ccacaacata ttacttggtg acgcaaactg atcaattcat gcgcgccggt tgacattgtg 600
aacacgggcg tggg 614

```

```

<210> 2517
<211> 622
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(542)
<223> similar to gi499686 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2517
cctgaccctt gctgaatgg aggtcttctgt gttgacctag tggggaatta cacctgcttg 60
tgtgccgagc ccttcaaggg acttcgctgt gagacaggag accatccagt gccagacgcc 120
tgccctctcg ccccttgcca caatgggggc acctgtgtgg atgcggacca gggctacgtg 180

```

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tgcgagtacc | ccgaaggctt | catgggcctg | gactgcaggg | agagagtccc | cgatgactgt | 240 |
| gagtgccgca | acggaggcag | atgcctgggc | gccaacacca | ccctctgcca | gtgccccctg | 300 |
| ggattctttg | ggcttctctg | tgaatttgaa | atcacagcca | tgccctgcaa | catgaacaca | 360 |
| cagtgtcccag | atgggggcta | ctgcatggag | cacggcgga | gctacctctg | ccagtgtccc | 420 |
| ctgggattct | ttgggcttct | ctgtgaattt | gaaatcacag | ccatgccctg | caacatgaac | 480 |
| acacagtgcc | cagatggggg | ctactgcatg | gagcacggcg | ggagctacct | ctgcgtctgc | 540 |
| cacaccgacc | acaatgccag | ccactccctg | ccatcacctt | gcgactcgga | ccccctctcg | 600 |
| tgccaagctt | ggcgtaatga | ga | | | | 622 |

<210> 2518
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(426)
 <223> similar to gi5420315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2518 | | | | | | |
| atacgccaag | cttggcacga | ggcccggagc | cagggaccac | ccgtgacgtg | ctggagaccc | 60 |
| cagtcgacct | ggccggattt | cctgtgctgc | tgagcgacac | ggctgggttg | cgaggaggcg | 120 |
| tggggcccgt | ggagcaggag | ggcgtgcggc | gcgcccggga | gaggctagag | caggctgacc | 180 |
| tcattctggc | catgctggat | gcttctgacc | tggcctctcc | ctccagttgc | aacttcctgg | 240 |
| ccaccgtcgt | agcctctgtg | ggagcccaga | gccccagtga | cagcagccag | cgcctcctcc | 300 |
| tggtgctgaa | caagtccgac | ctgctgtccc | cggagggccc | aggtcccggg | cctgacctgc | 360 |
| ccccgcacct | gctgctgtcc | tgtctgacgg | gagaggggct | ggacggcctc | ctggaggcgc | 420 |
| tgagga | | | | | | 426 |

<210> 2519
 <211> 527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(530)
 <223> similar to gi2905832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| <400> 2519 | | | | | | |
| ttagtccagt | gcggtggaat | tcgttactgt | ttggagtttg | tttttttcat | gcccttgtgc | 60 |

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| aagagagaaa | gaaatthttgt | cctcttggtt | ggaatattcc | atatggattt | aatgaatctg | 120 |
| acttgccgat | cagtatccga | caactgcagt | tatttatcaa | tgaatatgat | acaattccat | 180 |
| ttgaagctat | atcttacctg | actggggagt | gtaattatgg | aggaagagtg | acagacgatt | 240 |
| gggacagacg | tcttctatta | accatgctgg | ctgactttta | taatctgtac | atagttgaaa | 300 |
| accctcatta | taagttttct | cccagtggaa | actatthttgc | acctcctaaa | ggcacttatg | 360 |
| aggactacat | tgaattcatt | aagaaacttc | catttactca | acaccctgag | atatttgga | 420 |
| tacatgaaaa | cgttgacatc | tccaaggatc | ttcaacaaac | aaaaaccctc | tttgagtcct | 480 |
| tgctcctcac | ccagggaggg | ttcaaacaga | caggagcctc | aggaagg | | 527 |

<210> 2520

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(224)

<223> similar to gi5912186 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2520

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atgtgtcaac | actthttggga | gctacatctg | caagtgtcat | aaaggcttcg | atctcatgta | 60 |
| tattggaggc | aaatatcaat | gtcatgacat | agacgaatgc | tcacttggtc | agtatcagtg | 120 |
| cagcagcttt | gctcgatgtt | ataacgtacg | tgggtcctac | aagtgcaaat | gtaaagaagg | 180 |
| ataccaggg | gatggactga | cttgtgtgta | tatcccaaaa | gttatgattg | aaccttcagg | 240 |
| tccaattcat | gtaccaaagg | gaaatggtag | cattttaaag | ggtgacacag | gaaataataa | 300 |
| ttggattcct | gatgttgga | gtacttggtg | gcctccgaag | acaccatata | ttcctcctat | 360 |
| cattaccaac | aggcctactt | ctaagccaac | aacaagacct | acaccaaagc | caacaccaat | 420 |
| tcctactcca | ccaccaccac | cacgaattcc | accgca | | | 456 |

<210> 2521

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(964)

<223> similar to gi3874766 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2521

| | | | | | | |
|------------|-------------|------------|-----------|-------------|------------|----|
| gcaccgacgt | ggctthtctac | cccaattact | ttgactgcc | gacgggtggag | aagagaatcg | 60 |
|------------|-------------|------------|-----------|-------------|------------|----|

| | | | | | | |
|------------|-------------|------------|-------------|-------------|------------|-----|
| aggacttcat | cgagtcactg | ttcatcgtgc | tggagtccaa | gcgtctggac | agagccacag | 120 |
| acaagtctgg | ggataagatc | ccccctctct | gtgtcccgtt | tgagaaaaag | gactttgtag | 180 |
| gactggacac | agacagcaga | cattacaaga | agcggtgcca | aggccgcatg | cggaagcacg | 240 |
| tgggggacct | gtgcctgcag | gcagggatgc | tgcaggactc | cctgggtgcat | taccacatgt | 300 |
| cggtggagct | gctgcgttct | gtgaatgact | ttctgtggct | tggagctgcc | ctggaaggat | 360 |
| tgtgttcagc | ttctgtcatc | tatcactatc | ctgggtggaac | tgggtgggaag | agtggagctc | 420 |
| ggaggttcca | gggcagcacc | cttcctgctg | aagcagccaa | tagacaccgg | ccaggggcac | 480 |
| aggaagtctt | cattgatcca | ggtgccctca | ccaccaatgg | catcaaccct | gacaccagta | 540 |
| ctgagatcgg | acgtgctaag | aactgcctta | gccctgaaga | cataattgac | aagtataaag | 600 |
| aggcgatttc | ctaattacagc | aagtataaga | atgcgggagt | gattgagttg | gaagcgtgca | 660 |
| tcaaggctgt | acgtgtcctt | gcaattcaga | aacggagcat | ggaagcatca | gaatttcttc | 720 |
| agaatgcagt | ttacattaac | cttcgacagc | ttctgtagga | agagaaaatt | cagcgctaca | 780 |
| gcatectctc | cgagctctat | gagctgatcg | gcttccatcg | caagtctgcg | ttcttcaagc | 840 |
| gcgtggccgc | catgcagtgc | gtggccccaa | gcctcgcgga | gcctgggtgg | agggcctgct | 900 |
| acaaactcct | cctggaaacg | ctgcccggct | acagtctgtc | gctggatccc | aaagatttaa | 960 |
| g | | | | | | 961 |

<210> 2522

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (372)...(822)

<223> similar to gi4336692 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2522

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| acgtctagtc | cagcgtgggtg | gaattcgcct | ccggttctcg | ccggctctcg | gaccgcctc | 60 |
| cgaagacgtg | gagcgtgctg | gcggctgatt | tgtcaaagat | gaaagtgacc | ttatcagctt | 120 |
| tggatacttc | tgagagttct | ttcacacctt | tgggtggcat | agaacttgct | caggatgtca | 180 |
| aagaagaaac | caaagaatgg | ctgaaaaaca | gaattatagc | taaaaaaaaa | gatggagata | 240 |
| acaatgatga | tttcctgaca | atggcagaat | gtcaattcat | tatcaaacat | gaacttgaaa | 300 |
| atcttagagc | taaagatgaa | aaaatgatcc | ctggttaccc | tcaggcaaag | ttgtatccag | 360 |
| gaaaatcatt | gttgagaaga | ttgctcacgt | ctggcatcgt | gattcagggtg | tttccactgc | 420 |
| atgacagtga | agcctgaag | aagcttgagg | acacctggta | cactcggttt | gctttgaagt | 480 |
| atcagcccat | agacagtatt | cgtggctact | ttggggaaac | aattgctctg | tactttggat | 540 |
| ttttggagta | tttcactttt | gcattaatcc | ccatggctgt | cattgggtta | ccttactact | 600 |
| tgtttggtgtg | ggaagactat | gacaagtacg | tgatctttgc | ctcgttcaac | ctcatctggt | 660 |
| ccacggtgat | tctggaactg | tggaagcgtg | gctgtgccaa | catgacctac | aggtggggga | 720 |
| cactgctcat | gaagagaaaag | tttgaggagc | cccggccagg | atttcatggt | gtcttgacc | 780 |
| tctttcctgg | ttctcttttg | caatacatta | acagaccctt | tatcaacata | aacaatagta | 840 |
| actgagctat | taaaggcaac | ctctctgaaa | aaaaaaaaa | | | 879 |

<210> 2523

<211> 522
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (126)...(219)
 <223> similar to gi339709 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2523
gaattaagag ttactccggg ccaaattggcc ggagttgtca gatctggcag cgtcttcgct      60
ggggctccag ggagctgctg ctgggggtgga agctctcaca ctctttctcc acgtgccctt      120
tccagttccc tgacatcgtg gagttctgcg aggccatggc caacgccggg aagaccgtaa      180
ttgtggctgc actggatggg accttcacaga ggaaggtaag gcgtctgac caggtctgga      240
gctgggattg aggagggcaa gaggtctctg gatgggcaca gagacaccag ctctgggtga      300
ccagggctca gccaccacag gggttacggc gagctgctca ggccttggt gagccaaggg      360
actccatggt ctgtgcagac tgcgtgccat ctgttgccgc aggtgctttg aattggcaaa      420
gggacagagc cgggcattgt gctctggggg ttgggggaag gactaaggtc agagcaaact      480
ctcctggctt cagtacttgt gaatcagagg gtttaaaaga aa                          522
  
```

<210> 2524
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(715)
 <223> similar to gi47370 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2524
cttgtcttca tacatgtttt gttcttagag cttaaattatt gaaggcctcc catccaaggg      60
ccctatacca ccctggttgt tggatataaa gtacctgtca ccattgttgc tggcttatga      120
agatatgatg aaagagaagg acgagctcaa tgccaccctc aaggaggaaa tgagaatgtt      180
taggatgcga gcccaagaag tggtgaaaga aaatgaagaa ttgcaccaag agttaaataa      240
gagtagtgct gttaccagtg aggaatggcg tcagcttcag actcaagcaa aactggtttt      300
agaggaaaac aagttgttgc tggagcagtt ggagattcag caaaggaaaag ccaaggacag      360
ccaccaggag cgcctccaag aagtttctaa gctgactaaa caactaatgc tcctggaggc      420
aaaaacccac ggccaggaaa aggagctggc ggagaacagg gaacagctgg agattttacg      480
tgccaaatgc caagaactca aaacacactc ggatggcaaa atcgagctgg aagttcataa      540
atcaattgtg aatgaattaa aaagccaatt acagaaggaa gaagagaaag aaagggctga      600
gatggaggag ttgatggaga agctgacagt cctgcaagcg cagaagagcc tgctgttaga      660
gaagaacagt ttgacagagc aaaacaaagc actggaagcc gaacttgaac gagcaatgta      720
tt                                                                722
  
```

<210> 2525
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(350)
 <223> similar to gi349301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2525
tgaattcgga ctgtccctgg gggggacccc cacctcagag cctgcaggcc gggtcccact    60
cctgcagccc tctgtccctgc ttccaggtgg gcctgtccac gtcccccctct gtccttaact    120
ccattagacc ttggctcacg tggacagcaa tggagttggg ggaagggcc tgaaggcagc    180
cccaggcctg actgtggggc tccagctaca ggcattttgtg tttgggcacc agctacccca    240
catcccagcc gggtcatctct gggcataaac ccccaccccc cagaaaggag gcttcctgtc    300
cctcttgggc accagctcag ccaaaagcca gaaagctgct ctggagcata acctgacccc    360
cccacggcga ggcagggcag tcttctcctg gctggcactg ctctggcatc agaattgatc    420
cttcatccac ctttacccca aacaagaggt gtctccctgg gtgaggacaa agtggggagg    480
gcaacagggc tggggccttag agcccctcca ccagccatcc agggctgcct tctcagctcc    540
tcccagcgca gcaccggtgc cactttagta tttagtaggc cccccccggg acctccatca    600
ccacagtgcg gaactggaag ccacaatgct ttgaatagtc gacgcctgtg cctcctggga    660
ggtctctggg caccctgtg gagagtgagt gagaggagag tgtgttctt    709

```

<210> 2526
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(428)
 <223> similar to gi6002669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2526
cccggctcga gccgggataa cttattagat aatcatcgaa gacaaaaata cctggaaaaa    60
atatgggtta ttactgagga aatgtacgag tattccaagg tccgctcatg gggcaaacag    120
cttctccata accaccaagc cactaatatg atagcattac tcacaggggc cttggtgact    180
ggagtagata aaggatctaa agcaaatata tggaaacagg ctgtagtgga tgtcatggaa    240
aagacaatgt ttctattgaa tcatattgtt gatggttctt tggatgaagg tgtggcctat    300
ggaagctaca cagctaaatc cgtcacacag tatgtttttc tggcccagcg ccattttaat    360

```

```

atcaacaact tggataataa ctggttaaag atgcactttt ggttctatta tgccaccctt 420
ttacctg 427

```

```

<210> 2527
<211> 446
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(385)
<223> similar to gi3392917 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2527
atttcagaat atgacctgtg agctccatct gacttgctct gtggaggatg cagatgacaa 60
tgtctcattc agatgggagg ccttgggaaa cacactttca agtcagccaa acctcactgt 120
ctcctgggac cccaggattt ccagtgaaca ggactacacc tgcatagcag agaatgctgt 180
cagtaattta tccttctctg tctctgcccc gaagctttgc gaagatgtta aaattcaata 240
tacagatacc aaaatgattc tgtttatggt ttctgggata tgcatagtct tcggtttcat 300
catactgctg ttacttgttt tgaggaaaag aagagattcc ctatctttgt ctactcagcg 360
aacacagggc cccgcagagt ccgcaaggaa cctagagtat gtttcagtgt ctccaacgaa 420
caacactgtg tatgcttcag tcactc 446

```

```

<210> 2528
<211> 864
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(865)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (36)...(777)
<223> similar to gi4895145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2528
cagtggcggg cccagatgaa tgctactggc gccacgtctt ctgggaccag gacctctgga 60
tgctcctttt tattttgatg tgccaccagc aaaccgccag ggccaggctg gagtaccgca 120

```

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| tccgcacgct | ggacgggggc | ctggagaacg | cccagaacct | gggctaccag | ggagccaagt | 180 |
| ttgcctggga | gagtgcagac | tccggcctag | aggtttgccc | tgaggacatt | tacggagtcc | 240 |
| aggaggtcca | cgtcaacggg | gccgtggggg | tggccttcga | gctgtactac | cataccaccc | 300 |
| aggacctgca | gctatttcga | gaggctgggt | gctgggacgt | ggtcagggct | gtggccgagt | 360 |
| tttgggtgcag | tcgtgttgag | tggagcccca | gggaggaaaa | gtaccacctg | aggggagtca | 420 |
| tgtcccccgga | cgagtaccac | tcaggggtca | acaactctgt | gtacaccaac | gtcctgggtcc | 480 |
| agaacagcct | gcgctttgct | gctgccctgg | cccaggacct | gggtcttccc | atccccagcc | 540 |
| agtggctggc | ggtggctgac | aagatcaagg | taccctttga | cgtggagcag | aacttccacc | 600 |
| cggagttcga | tgggtatgag | cctggagagg | tgggtgaagca | ggcagacgtc | gtgctcctgg | 660 |
| gatacccagt | ccccttctcc | ctgagtcctg | atgttcgcag | gaaaaatctg | gagattttacg | 720 |
| aggctgtgac | gtccccccag | ggccccgcca | tgacctggag | catgtttgct | gtgggctgga | 780 |
| tggagctgaa | ggacgcagtg | cgggcccggg | gcctcctgga | caggagcttt | gccaacatgg | 840 |
| ctgaaccctt | caaggtgtgg | acgg | | | | 864 |

<210> 2529

<211> 640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(642)

<223> similar to gi5901808 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| <400> 2529 | | | | | | |
| tgtggtagca | gttgaatatg | ccctgtcgaa | ttaccttttt | gcagctgttg | gaaaccctaa | 60 |
| ggacttggtt | gagggttggt | tgatggctca | ggatttggac | acagctgcct | cttaccttat | 120 |
| tatcttacag | aatatggaag | tccctgcagt | aagtaggcaa | catgctaccc | ttctattcaa | 180 |
| cacagcacta | gaacaaggca | agtgggacct | ttgtcgacac | atgattcgat | ttcttaaagc | 240 |
| cattggctct | ggagaatctg | agacacctcc | atccacaccc | acagctcagg | aaccagttc | 300 |
| aagtgggtgga | tttgagttct | tcaggaatcg | aagcatcagt | ttatcccagt | cagctgaaaa | 360 |
| tgttcctgcc | agtaaattca | gtttacagaa | aacactaagt | atgccatctg | gtccctctgg | 420 |
| aaaaagatgg | agcaaagaca | gtgactgtgc | tgagaacatg | tatattgaca | tgatgctctg | 480 |
| gagacatgct | cggcgctctt | tagaagatgt | gagggttaaag | gaccttggct | gctttgcagc | 540 |
| ccagctgggc | tttgaactaa | ttagttggct | atgcaaggaa | cgtacccgag | ccgcccgggt | 600 |
| agacaacttt | gtaatagccc | tgaagagact | ccacaaagat | | | 640 |

<210> 2530

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (175)...(450)

<223> similar to gi6010763 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2530
cagtgtggtg gaattcacgg tctgccacac cagggggcca tagtgccgac aggggagcag      60
cctgggggtg cagcccaagg ccagctgctg tttgttttcc tctgacccct gtggaaggcc      120
caaaaggatc ttttgtgact ggccataaat ctgccaggct ggactgtgct gttcctctct      180
gtcctggggc tcttgccctc ccgggctgtg tccgactca gcagcctctt cgcggccgag      240
gtcttcccca cggatgatcag gggggccggg ctgggcctgg tgctgggggc cgggttctct      300
ggccaggcag ccggccccct ggacaccctg cacggccggc agggcttctt cctgcaacaa      360
gtcgtcttcg cctcccttgc tgccttgcc ctgctgtgtg tctgctgct gcctgagagc      420
cgaagccggg ggctgcccc gtcactgca                                         449

```

```

<210> 2531
<211> 452
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (24)...(257)
<223> similar to gi557250 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2531
actagcccag tgcgggtggaa ttcgtgctg aaggtgcccc catcacagt acctgtgcgg      60
accctgctgc ccacgcaccc tcactctata cttggtacca caacggctcg tggctgcagg      120
agggtccagc tgcctcactc tcattcctgg cggccacgcg ggctcatgca ggcgcctact      180
cttgccaggc ccaggatgcc cagggcaccc gcagctcccg tcctgctgcc ctgcaagtc      240
tctgtgagca gagggctcct ggccagggtg gccaggagg aggggtggtg aggggtgctt      300
tgggctctgg tgggagtggg caaaggactg cagtgggccc aggaatgggc agttggggaa      360
agaggacata ggtgctagag aaagagacag tcctataagc cctgcctgga gcactctgcc      420
cacaggactc ctgggaagggt gtcacttcta gg                                         452

```

```

<210> 2532
<211> 446
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (76)...(186)
<223> similar to gi386047 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 2532
tggcctcaag agcaggtaga ctcaaggtgg gggcactctc cctgtcctct ctcccctttg      60
ccacgcacgc tgccagggtt tccccagac  cagaggaatg gagacaagga gtttgtgac      120
cgcagagcag ccaccaatcg tgtcttgaac gtgctccgcc actgggtgtc caagcactct      180
caggtgggtg ggagccctcc ctgggcaggc tgctggggac caccaggcaa tggccccagg      240
aaccagctgc cttccaaaag cagctgcggg cagagtgage tgatggctgg cagtggggca      300
gcagaaggga gggagctcaa atgtgccacc ctgatgttcc cggaggactg ctcagattcc      360
ctaggaggga acaaaggaca tggaaggac  aatgggtctc tgtctatcca ccctgcctgt      420
agcaggggta caggaattcc tccgca                                446

```

```

<210> 2533
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (257)...(436)
<223> similar to gi4589614 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2533
cccttgatga ccactagtc agtgcggtgg aattcccatg acagacgtat ctgactggtc      60
atgtggtcag caagcctcgc ctttggtcag gccctggagg gtacagctga cccatagggc      120
cacttccatg gcaactggga agtggctgta ttggaaatga agtcgttgcc cccgatttct      180
ttggggccag gttgagcttt cctgcccaga gcacggaggc taaagggggg gggctttgga      240
ctggattggg gctgaccta gcctacacct gcaggaggag gtggagacag aggtggcctg      300
ggaggaatgt gggcacgtcc tactgtcact gtgctacagc tctcagcagg gtggcttget      360
ggtaggtgtg ctgcgctgcg cccacctggc ccccatggat gccaatggtt actcggaccc      420
cttcgtgcgc ctgtgagtga actggggtag gcaggcggga ggtgaggata aggcggtgac      480
tcctcacctc tccaggg                                497

```

```

<210> 2534
<211> 568
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(149)
<223> similar to gi3282205 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 2534
cagcgtgacg aggaggagcc ggacggcgtc ccagagaagg gcatgagctc gggccccagt    60
gccaggaaaag gcaaggggca gatcgagaag aggaagctgc gggagaagcg gcgctccacc    120
ggcgtggtca acatccctgc cgcagagagg taaagagttc agaagtaaga taaaagaaga    180
ccaaagacaa actacttcag ggctatttcg tgaagcagaa acagcacttc atcaggtggc    240
ttttgcggga ggaagcactg ttaatgccct taggcgtaag ggtaaatgat tcaacttact    300
taaggaaata cattttcttc taacttgaaa cattaaaaac aaaaaatata taaaaacttt    360
tactatagaa agatcaaata tggccagcac tttgggaggg tgaggtgggc agatcacctg    420
aggtcggggg ttctagacca gcctgaccaa catggagaaa ccctgtctct actaaaaata    480
caaaattagc caggcgtggg ggcacatgcc tgtaatccca ggtactcaag aggctgaggg    540
aagagaatca cttgaacccg ggggacag                                568

```

<210> 2535

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (288)...(492)

<223> similar to gi3184264 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2535
ctcgtgtggt ggaattcgaa gccttcaaca tggactctgc ctactcagaa caagctgcgg    60
tgctcctgca gaggagcagg ccatcccggg gaggcacctc tgcctggggc aagtgttccc    120
tgccgaagtt tacgctcccc aaaggcagac ttggcgtgac gaggatagga gacttgtccc    180
tgcaggatat gaggaaggta ctttctctgg ccctcataga gctgaccgcg ctctgtgaca    240
tcctcggcct ggacctgaag aggagcaagg cggggaagtg gaaagcggca gaaactcgcc    300
tctttggtgt gccccttgac agcctgctag aagctgacca caaagtcctc cccagcacac    360
aggtcccgcg ggtccttcaa gccctgctgt cctgtttgga aaagagagga ctggacatgg    420
aaggcattct cagggtgccc ggatcccagg ccagggtcaa ggttcatccg gaagctgccg    480
acacctttgc tcacggctga gtacctcccg gccttcgccc tgggtgcctaa catccccaac    540
ctgaagcagc gcctgcaggt tcttcacctg ctcacctca tcctcccaga acccaacaga    600
aatgccttaa aggcactgct ggaattcctc aggaaggtgg tggcccggga acagcacaac    660
aagatgactc tgaggaatgt ttccaccgtg atggccccta acctctttct gcaccaaggg    720
cggcccccca agctcccaa aggcaaggag aagcagctgg cagaaggggc agccgaggtg    780
gtgcagataa tgggtgacta ccaggatctg ctgtggacgg tcgcctcttt cctggctgcc    840

```

<210> 2536

<211> 428

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(427)
<223> similar to gi2088685 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2536
tgggtggaatt ctcgccatgg aatatgcacc aggcggcact ctggctgagt tcattcaaaa 60
gcgctgtaat tccctgctgg aggaggagac catcctgcac ttcttcgtgc agatcctgct 120
tgcactgcat catgtgcaca cccacctcat cctgcaccga gacctcaaga cccagaacat 180
cctgcttgac aaacaccgca tggctcgtcaa gatcgggtgat ttccggcatct ccaagatcct 240
tagcagcaag agcaaggcct acacgggtggg gggtacccca tgctatatct cccctgagct 300
gtgtgagggc aagccctaca accagaagag tgacatctgg gccctgggct gtgtcctcta 360
cgagctggcc agcctcaaga gggctttcga ggctgcgaac ttgccagcac tgggtgctgaa 420
gatcatgg 428

<210> 2537
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(316)
<223> similar to gi306782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2537
ttagaccagc gtgggtggaat tcggagaggc tgctacagaa ggagaggctg ctggagcagg 60
aggagaggct gcaaaggcag gaggagaggc tgagggaaca ggaagagagg ctgtgggagc 120
aggagcagag gctgagggag caggaggaga ggctgctgga actggagcag aaagccaagc 180
tctgggacga gcaggcagag acacacatgc aaacctgcg gaatgactgc accaccatca 240
gccacatgct ctcgcagaac cacgagcttg ataagcagct gggcgagcca cagtacgact 300
tccaggagct ggtgggttgc cccacctggg gagcctgcct tcctccctag ccctccaggc 360
ctttgtttcc ccacctgtaa aatgggcata tgtagccctc acgtgaaatg gtactttctaa 420
aggaacctgt gagccagagc cctgctct 448

<210> 2538
<211> 495
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(428)

<223> similar to gil41852 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2538

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| cattctggtg | gaattcccgga | agacagagga | ggctcgaccc | tcacccgccc | caggaccagg | 60 |
| gacccccacc | gtgacccta | ccaggacccc | ttccagaacg | gctcctggtg | ccctgaccgc | 120 |
| caaacccccg | cttgcccca | agccgggaac | cacagtggcc | tcaggagtga | ctgcacggag | 180 |
| tgcatacagga | caagtgcacg | gtgggcatgg | agctgccgca | gcaacatcag | catcagcagg | 240 |
| acaggctcct | gaggaccocct | caggccctgg | cacaggcccc | tctgggactt | gtgaggctcc | 300 |
| ggtagctgtc | gtgaccgtga | ccccagctcc | ggagcctgct | gaaaactctc | aagacctggg | 360 |
| ctccacgtcc | agcctgggac | ctggcatctc | tgggcctcga | gggcaggccc | cggacacgct | 420 |
| gagttacttg | gactccgctg | agcctcatgt | ctgggacctt | ggagtccttg | gcggatgatg | 480 |
| tgagctccat | gggct | | | | | 495 |

<210> 2539

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (518)...(637)

<223> similar to gi3212997 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2539

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|-----|
| tgaagacccc | tgaacagcgt | ggtggaattc | tttatggata | cttgtctctc | aggggcaatt | 60 |
| aggtggaaca | tgctgacca | gcttttacac | atgaggaaat | ggaggctcac | agaggcagaa | 120 |
| tcactaagca | actcccctta | aagtcaccca | cccagggtgga | gctggaattt | gagcctaagc | 180 |
| agccaggctg | ccctgggcag | cgggtgggtga | cagggtggca | gagagcaggt | ttttgtctgt | 240 |
| ctgggtctta | ccccttttagc | cccatagtca | ggcagggtgga | ctcgtgaagc | tgtgggcagc | 300 |
| tttatectct | gaggcggtgg | gtctcaagtg | tccagctcac | ctggcactca | gctgtggggc | 360 |
| tcgtgactgc | agcttaggac | tagaccctca | tccttcctgg | ggtcagtgtt | tagtggccaa | 420 |
| ggctggggga | tgctgaggaa | gactgggggc | ccaggctggg | aggcagaagg | ggaaggtcct | 480 |
| tcttcttggt | gtccacttgc | ctgtgtcact | gcccctgcag | gtggtggagt | tgcccgtagc | 540 |
| agagcgccag | attgagcgcg | aacacctcat | tcagctgcgg | cgtggtcagg | agacccgggg | 600 |
| tgagctgcag | tgccgctccc | cgcccaggct | gcatg | | | 635 |

<210> 2540
 <211> 1267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (414)...(694)
 <223> similar to gi1871531 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2540

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| aagcgcggtg | gaattcgtct | ctggctcaac | tcagtgggat | cattagactc | atgtcttaca | 60 |
| gcctggtgac | atttccatgc | tttaagccgg | agtggtctgt | tcagtgacca | cagtactgca | 120 |
| acacctgcca | accagtgtct | gaaaatagtg | gtcatgtat | tttgtccagt | ttctagttgc | 180 |
| ttacagtggg | agggatctct | ggactgtatt | tcccctgcat | ggtcagcagc | gcacctccat | 240 |
| tgagtctgca | tgtgtttaat | ctgatggctc | tggtggctgg | cgtctgttat | agggtataag | 300 |
| tatagctgcc | tgtgcttcca | ccacgagcac | ctgggggtgc | ttgtggcatg | attgagctag | 360 |
| ctctgaagct | gactccctct | tctcactccc | tgccttttct | cccttacctt | ttgcagaaaa | 420 |
| gggggtgagc | gtactgggcc | caggagcagg | agccactgca | gactgggctt | ttctgcatca | 480 |
| ctctgataaa | ggagaagtgg | ctgaatgagg | acatcatgct | caggaccctc | aaggtcacat | 540 |
| tccagaagga | gtcccgttct | gtgtaccagc | tacagtatat | gtcctggcca | gaccgtgggg | 600 |
| tccccagcag | tcctgaccac | atgctcgcca | tggtggagga | agcccgtcgc | ctccagggat | 660 |
| ctggccctga | acccctctgt | gtccactgca | ggttttggaa | atgggcttca | ggagggtctg | 720 |
| gtgaggcaga | ggggacagag | catggagggg | agtacagggc | atggggctag | tcttgtagtc | 780 |
| tgagtgccta | ttttgagaac | ccttgctcac | cctccatgga | ctgtaattgt | gagcacttgt | 840 |
| tcagcacaga | ctcagctggg | gaataagcac | acagctcttg | ctcaacaaaa | tgtaagtgat | 900 |
| taaaaagggt | ttccttggtc | agatataatc | tgaagattct | gggaatcaag | aggctctgca | 960 |
| ggggatccat | caggaccctc | accccatcc | ccaaatgccc | catctaaaag | gggttggtgt | 1020 |
| caggacctga | ccaggcacac | tctgattctc | ttgtcagtgc | gggttggtgg | cgaacaggcg | 1080 |
| tcctgtgcac | cgtggattat | gtgaggcagc | tgctcctgac | ccaggtagca | tacaggcatc | 1140 |
| ctgtgtgtgc | agtgtgctgc | ccatgaccac | gtgtcctgct | caagtgcctt | gtctgtctgc | 1200 |
| cccagatgat | cccacctgac | tttcagctc | tttgatgtgg | tccttaagat | gaggaagca | 1260 |
| gcggcct | | | | | | 1267 |

<210> 2541
 <211> 647
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(650)
 <223> similar to gi5441615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2541

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tcgccaattc | cagatgcact | aaatgtgaga | aggtctgcaa | tcggcattca | tcctttattc | 60 |
| aacatcagaa | agttcatata | aagaaaaaga | aactatttga | gtgtaaggaa | tgtgggaaga | 120 |
| tgttttctgg | aactgcaaac | cttaaaatac | atcagaatat | tcattctgaa | gagaaacctt | 180 |
| tcaaatacaa | taaatgtagt | aaagttttcg | gccgccaatc | atttcttatt | gaacatcaaa | 240 |
| gaattcatat | tggagaaaaa | ccctaccagt | gtgaggaatg | tggaaaagcc | ttcagccacc | 300 |
| gaatatctct | cacacgacat | aagagaattc | atactgaaga | tagaccctat | gaatgtgatc | 360 |
| agtgtgggaa | ggccttcagc | cagagtgcac | acctcgccca | acatgaaaga | attcacactg | 420 |
| gagagaagcc | atatacatgc | aaaacatgtg | gtaaggcctt | tagtcagcgc | acatctctta | 480 |
| ttctacatga | aagaagtcac | actggagaga | aaccctatga | atgtaatgaa | tgtgggaagg | 540 |
| catttagcag | tggctcagac | cttattcgac | atcagagaag | tcattcttca | gagaaacctt | 600 |
| atgaatgtag | taaatgtggg | aaggcatata | gtcggagtgc | atccctg | | 647 |

<210> 2542

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (213)...(743)

<223> similar to gi2443331 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2542

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|-----|
| cgagtgcgct | ggaattccaa | gatgggaggg | cgagggggcc | ataccgggtg | gtcgggggtg | 60 |
| gcctgaaggg | gctatgacca | gctgctgccc | tggtcactgc | ctttgtggct | tctaccggtc | 120 |
| tgggectgct | ccccagaagg | ctgtacactg | ggaggagctg | ccaggagggt | gtgcctgggtg | 180 |
| tctggcctga | cctctgagtg | ctgcggttcc | ccaggatgcg | ggaagtggag | ctgggctggg | 240 |
| ggaagggtgt | gctggtgaag | gacaaatggg | agttccacgc | cctgggcat | aagtgtccgc | 300 |
| actacggcgc | acccttgggtg | aaaggcggtc | tgtcccgtgg | tcgggtgcgc | tgcccctggc | 360 |
| acggcgctg | cttcaacatc | agcactgggg | acctggagga | cttccctggc | ctggacagtc | 420 |
| tacacaagtt | ccagggtgaag | attgagaagg | agaagggtga | cgtccggggc | agcaagcagg | 480 |
| ccctacagct | gcagcgaagg | accaagggtga | tggccaagtg | tatctctcca | agtgtgtggg | 540 |
| acagcagtag | caccaatgtg | ctcattgtgg | gtgcagggtg | agctggcctg | gtgtgtgcag | 600 |
| agacactgcg | gcaggagggc | ttctccgacc | ggatcgctct | gtgcacgcta | gaccggcacc | 660 |
| ttccctacga | ccgtcccaag | ctcagcaagt | ccctggacac | acagcctgag | cagctggccc | 720 |
| tgaggcccaa | ggagtttttc | cgagcc | | | | 746 |

<210> 2543

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (250)...(754)

<223> similar to gi632549 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2543
gggtggaatt cgggcagcct ggcctgggt accgaggctg ctgcgcggcg gacagcgggc 60
gcgatgtatc tccgcagggc ggtctccaag actctggcgc tgccgctgag ggcgccccc 120
aaccgccgcg cgctcggaag ggacgcctct ctgcgcggga tgcctctaa cagattccct 180
ggatcatctg gatcaaatat gatttattat ctggtttagt gcgtcacagt cagtgtggt 240
ggatattatg cttacaagac agtcacatca gaccaagcca aacacacaga acataaaaaca 300
aatttgaaag aaaaaacaaa agcagagata catccatttc aaggtgaaaa ggagaatgtt 360
gcggaaactg agaaagcaag ttcagaagcc ccagaagaac ttatagtga agctgagggtg 420
gtagatgctg aagaaagtcc cagtgtctca gttgtggtca taaaagaggc atctgcctgt 480
ccaggtcacg tggaggctgc tccggagacc acagcagtca gtgctgaaac cgggccagag 540
gtcacagatg cagcggcgag ggaaaccacg gaagtaaacc ctgaaacaac ccagagggtt 600
acaaatgctg ccctggatga agctgtcacc atcgataatg ataaagatac aacaaagaac 660
gaaacctctg atgaatatgc tgaactagaa gaagaaaatt ctccagctga gtcagagtcc 720
tctgtggag atgatttaca ggaggaagcc agtggtggct ctgaggctgc ttcggctcaa 780
ggctaactct cagcggtag acatttcagc aacaaatgcc atagggtgtc tgataagtgc 840
ttttgtgttt ttagtacct tagtttaaaa aaaaaagac ttattttcta gaaaacgtta 900
atgggtcttg aagatttttg gcatccactg atagatttta ggactgagag acttgagatt 960
gtacatttct tactactctt ctactgtctg agatcagaat atgacattgc agtaaagagc 1020
ttaaatagtt tcatcttttg ttttttttc tagacacttt tcttttatcc cagtcactct 1080
tgaatttaca ttttatatta aagaaattga gctatccata caacctgtat ttactttaat 1140
ttcactactg tttcagctta ctttattgta tgatatgtag gtctaaaata tagtttgagt 1200
caaataaaat tagaaactgc t 1221

```

<210> 2544
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(215)
<223> similar to gi1002425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2544
gtccagtgtg gtggaattca ccagggtgtcc ggggcagtgg tagtatctgg gctgctgcag 60
ggcatgatgg ggctgctggg gagtcccgcc cactgttcc cccactgtgg gccctgggtg 120
ctggctccca gctggttgt ggcagggtcc tctgccaca gggaggtagc ccagttctgc 180
ttcacacact gggggttggc cttgctgtac gtgagtcctg agaggcgtgg gatggtgccc 240
agtgggggtg tatgggggga ctaggggagg gcagaactgc tggctctatc agattcagca 300
gcgactggaa tagggacata ttttatattt ggaatccaag acttttcctt gattcatctg 360
gtctccttga atttcacact gttttctgct gtccccaag gtcacttctt attccttcca 420
tgggagt 427

```

<210> 2545
 <211> 1439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(584)
 <223> similar to gi2746788 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2545

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| tgaattcctc | aggggtgaag | ctcttcgagg | cacttggcct | tagtcctggg | aatgggaaag | 60 |
| atcacagcat | tctgcattca | aggaatgatc | tggaagaagc | cttcattcac | ttcatgggga | 120 |
| agggagcagc | tgctgagcgc | ttcttcagtg | ataaggaaac | ttttcacgac | attgcccgag | 180 |
| ttgcgtcaga | gttcccagga | gcccagcact | atgtaggagg | aaatgcagct | ttaattggac | 240 |
| agaaaatttg | agccaaactca | gattttaaagg | ttcttctttg | cgggtccagtt | ggtccaaagc | 300 |
| tacatgagct | tcttgatgac | aatgtctttg | ttccaccaga | gtcattgcag | gaagtggatg | 360 |
| agttccacct | catttttagag | tatcaagcag | gggaggagtg | gggccagtta | aaagctcccc | 420 |
| atgccaaaccg | attcatcttc | tctcacgacc | tctccaacgg | ggccatgaat | atgctggagg | 480 |
| tgtttgtgtc | tagcctggag | gagtttcagc | cagacctggg | ggtcctttct | ggattgcaca | 540 |
| tgatggaggg | acaaagcaag | gagctccaga | ggaagagact | cttggaggta | atggcactgt | 600 |
| tacagaattt | cacagatctc | agctggtggg | tttcttcagg | ttccagcctc | tcttggcatc | 660 |
| tgctgccttg | tttctgtggg | aaacagcaag | cagctctgca | cggttcttct | catccttgcc | 720 |
| ttgcagaaga | gcctgtttat | ttttgcctct | gtcacttcct | gaagaaatca | gtgtattttc | 780 |
| aatacagtgt | ggctcctttc | tcctagggtc | agttaggteg | tgtttcctag | cagtgtcact | 840 |
| attcaagggt | tgagtccacg | tcttgctctc | tggagaatgt | caatgtaatg | tatttttccc | 900 |
| atcgtacaga | gtctttgttg | atttgcaaaa | tggtggattt | ggggttcata | cccatatttt | 960 |
| ttgttgtcat | gggcatttag | gtcatcagtc | tggtctctta | tttgcttggt | cttttggttaa | 1020 |
| ttcattccca | tggtatatg | ccagacacag | catgatgcag | aaggaatacg | acagaggatg | 1080 |
| acacaggccc | tgccctcagc | tcacagttta | ctgccagaga | tagacacttg | gaaaaagtaa | 1140 |
| ttgcaggccc | ggcagtgtgg | ctcacgcctg | taatcccagc | actttgggag | gctaaggcag | 1200 |
| gcagatcacc | tgagggtcag | agtttaagac | cagcctggcc | aacatggtga | aactccgtct | 1260 |
| ctactgaaaa | tacaaaaatt | agccaggcgt | gggtggcggg | acctgtaatc | ccagctactc | 1320 |
| gggaggctga | ggcaggagaa | tcgcttgaac | ctgggaggca | gaggttgcag | tgagctgagg | 1380 |
| tcgcgccatt | gcgctccaac | ctgggcaaca | gagtgaaact | ccatctcaga | aaaaaaaaaa | 1439 |

<210> 2546
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(279)
 <223> similar to gi4235228 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2546
cagaaatggc aaggaggaac agagccaaga tgggcgatgc ctctacacag ctctcatcct    60
acgtgaagca ggtccagaca ggccacaagc ccagcacaac ggagatagtt cgcttctcca    120
aactatttga ggaccagctg gccctggaac acttagatcg ccctcagctg gttgcccttt    180
gcaaactgct ggaattgcag acatttggaa ccaacaacct gctccgcttt cagctcctga    240
tgaaactgaa gtctataaaa gcagatgatg aagtaagagc ttaaccatag ctctaggga    300
ttagcaaggt tttgggacat accttagggt gcctgtggga tgaagtgtgc agta      354
```

```
<210> 2547
<211> 1061
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1062)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (10)...(1061)
<223> similar to gi3955096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2547
cgtgggtgaa ttcattgagag acgcttgctc tcccagaaga cagacaatga gatttggaa    60
accttcttcc acgggcgcta tctgatecta cttatgggca tcttctccat ctacacgggt    120
ttgatctaca atgactgctt ctccaagtcc ttgaacatct ttggctcttc ttggagtgtc    180
caacctatgt tcagaaacgg cacatggaat actcatgtaa tggaggaaag tctatatctg    240
cagctggacc cagccatacc aggagtgtat tttggaaatc catacccggt tgggattgat    300
ccgatttggg acttggcttc aaacaaactc acatttctga actcgtataa aatgaagatg    360
tcgggtgatcc tgggaattgt ccagatgggt tttgggtgtc tctcagcct tttcaatcac    420
atatacttca gaagaactct caacatcatt ctgcaattta tccctgagat gatttttatc    480
ctgtgtctgt ttggatacct ggttttcatg atcattttca aatgggtgctg ctttgacgtc    540
cacgtatctc agcacgcccc cagcatcctc atccacttca tcaacatggt tctgtttaac    600
tacagtgact cttccaacgc acccctctac aaacatcagc aagaagtcca aagtttcttt    660
gtgggttatg ctttgatttc tgtgccgtgg atgcttctga ttaagccggt tattcttaga    720
gccagtcacg ggaaatccca gctgcaggca tccaggatcc aagaagatgc cactgagaac    780
attgaagggt atagctccag cccttctagc cgttctggcc agaggacttc tgcagatacc    840
cacggggctc tggacgacca cggagaagag ttcaactttg gagacgtctt tgtccaccaa    900
gccatccaca ccacgagta ctgcctgggc tgcatttcaa acacagcctc ctacctgagg    960
ctctgggccc tcagcctggc tcatgcacaa ctgtctgaag tgctctggac tatgggtgat    1020
aacagcggcc ttcagacgag aggctgngga ggaatcgctg g      1061
```

<210> 2548
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (201)...(297)
 <223> similar to gil665819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2548

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| gctggcctta | gcccaggccc | atcagattgc | tcagaatctc | caccaccact | tgcattagtt | 60 |
| gaggcgactc | ccagtttatt | tctctaagat | tggatgggtg | gatttcatat | taaaaaaaaa | 120 |
| tttggctagt | tcttttggaa | catattgtaa | acagctatgg | ttttccaaag | ggcaggaatg | 180 |
| tattcattca | ttgttctctt | tctcccatct | cacagaataa | agcccttttc | caccaattca | 240 |
| gtcttaagga | gaactggctc | cagcatagag | gaactgtgac | tgaaacggag | gaaagtgagt | 300 |
| atggtttgaa | gtgaggggtt | gggggtgggc | agcagtttagc | caccattttt | ctcctacatt | 360 |
| ggcatatcag | cctgactaac | cttcatttcc | agctgtcacc | cctcagataa | gcacgttagc | 420 |
| ctcaaacagc | atggtttttc | ttttctttat | ttgagcatta | tggttttctt | agatcacata | 480 |
| atactgtccc | aagcaccaag | gatacttata | atttgggaag | caaggaaagg | agacaatgcc | 540 |
| tagagcctcc | ttgcattctt | gagaagaggt | aaaaatgaac | gggagactca | gccttttcct | 600 |
| cctagaacca | tctcctccct | gccttcatca | gcccattgtc | tatgactaac | tggaaggatc | 660 |
| accanagtca | atgtgcagat | ttgggctgag | tcagtccatg | actcagtcca | cgagaagaan | 720 |
| actctgtgga | gagaaggctg | tacngtaaaa | | | | 750 |

<210> 2549
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (168)...(321)
 <223> similar to gil732065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2549

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| aattcccggg | tcgaggatgc | ccccaaagcc | cagaccgggc | ctccccgggt | ggacaagggt | 60 |
|------------|------------|------------|------------|------------|------------|----|